

STIC Search Report Biotech-Chem Library

STIC Database Tracking Number: 135089

TO: James Schultz

Location: REM/2D18/2C18

Art Unit: 1635

Thursday, October 14, 2004

Case Serial Number: 10/007078

From: David Schreiber

Location: Biotech-Chem Library

Remsen E01A61 Phone: 272-2526

david.schreiber@uspto.gov

Search Notes	
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Access DB#	

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name:	tural an 30	Examiner # :		
Art Unit: Phone N Mail Box and Bldg/Room Location	Number 30 n: Re	Serial Number:esults Format Preferred (circle):		ΙΑΙ
f more than one search is subm	itted, please priori ******	tize searches in order of ne ************	ed. :*************	**
Please provide a detailed statement of the include the elected species or structures, k utility of the invention. Define any terms known. Please attach a copy of the cover's	eywords, synonyms, acr that may have a special	onyms, and registry numbers, and co meaning. Give examples or relevant	ombine with the concept of	nr -
Title of Invention:				
Inventors (please provide full names): _				
Earliest Priority Filing Date:				
For Sequence Searches Only Please includes appropria e serial number.	de all pertinent informatio	n (parent, child, divisional, or issued pa	itent numbers) along with ti	ie
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TAFF USE ONLY	Type of Search	Vendors and cost who	erc applicable	
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are Searcher Picked Up:	Bibliographic			
ate Completed: 1614	Litigation	Lexis/Nexis		
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PTO-1590 (8-01)



Schreiber, David

From:

Schultz, James

Sent:

Wednesday, October 06, 2004 4:47 PM

To:

Schreiber, David

Subject:

score over length search request, 10/007,078

Hi David,

I need a score over length nucleotide sequence search on SEQ ID NO:3 in the above entitled case. I need the lower and upper limits to be 8 and 50, respectively, I need any hits that are above 65% complementarity, and please transfer as many hits into the excel program as possible. Please do not search the interference databases at this time.

Thanks,

Doug Schultz

James Douglas Schultz, PhD
AU 1635 (Biotechnology)
Patent Examiner
United States Patent and Trademark Office
(Office) REM 2D18
(Mail) REM 2C18
(571) 272-0763

SCORE OVER LENGTH SEARCHES

Attached is a score over length search. This search was developed to overcome limitations in most standard search systems which favor large sequences with high scoring, but lesser overall identity over smaller sequences with higher overall identity. This search is especially useful for relatively small nucleic acid or polypeptide target sequences (antisense, fragments, probes, primers, RNAi, epitopes, haptens, etc.) claimed functionally via a form of hybridization and/or identity language and having defined upper and lower polynucleotide and or polypeptide length limits.

The score over length search is performed by first running the query sequence using examiner-specified identity and polynucleotide or protein length limit parameters, and saving 65,000 hits and 0 alignments from each desired database. The resulting output is reformatted using a Microsoft Word macro and is imported into Excel. The summary table data are then sorted by the ratio of score of each hit sequence divided by its length and the accession numbers for all hits below the examiner's desired score over length parameters are deleted. The remaining accession numbers are used to pull the corresponding sequences from the databases into subdatabases enriched for good hits and the query sequence is re-run against these subdatabases to yield the final results.

The score over length cutoff for this search is _____

Examiner Please Note: This cover sheet should be included when submitting results to be scanned.



STIC SEARCH RESUL FEEDBACK FORM

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Ouestions about the scope or the results of the search? Contact the searcher or contact:

Mary Hale, Information Branch Supervisor Remsen Bldg. 01 D86 571-272-2507

	am an examiner in Workgroup: Example: 1610
- Re	elevant prior art found, search résults used as follows:
	L_J 102 rejection
	☐ 103 rejection
	Cited as being of interest.
	Helped examiner better understand the invention.
	Helped examiner better understand the invention.
	Helped examiner better understand the state of the art in their technology.
	rypes of relevant prior art found:
	Foreign Patent(s)
	Non-Patent Literature
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	Results were not useful in determining patentability or understanding the invention.
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Drop off or send completed forms to STIC-Biotech-Chem Library Remsen Bldg.



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                                                        Nakamura, Y.,
Detection of
                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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ilarity 93.5%;
Conservative
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                                             a,Y., Sekine,A., Iida,A. and Saito,S. on of genetic polymorphisms
WO 02052044-A 2291 04-JUL-2002;
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                                                                                                                                                                                                                                                                                                                                            /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
/clone="AAD20"
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                      Location/Qualifiers
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Euteleostomi;

PAT 05-OCT-2002

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AX517499
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AR241963
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AR241963
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Nakamura, Y., Sekine, A., Iida, A. and Saito, S. Detection of genetic polymorphisms
Patent: WO 02052044-A 3697 04-UUL-2002;
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                                                                                                                                                                                                                                      Unclassified.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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251 from patent US (
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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; Pred. No. 51;
1; Mismatches
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Pred. No. 45;
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AR165925
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AR084541
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Sequence
AR165925
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AR084541
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Sequence 5 from Patent WO9717445.
A62704
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Matson,R.S., Coassin,P.J., Rampal,J.B.
Oligonuclectide repeat arrays
Patent: US 5981185-A 30 09-NOV-1999;
                                                                                                                                                                                                                                                                                                                                                                               Unknown
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METHOD FOR TREATING NEURODEGENERATIVE DISEASES USING A 1C2 ANTIBODY
OR A FRAGMENT OR DERIVATIVE THEREOF, AND CORRESPONDING
PHARMACEUTICAL COMPOSITIONS
Patent: WO 9717445-A 5 15-MAY-1997;
CENTRE NAT RECH SCIENT (FR)
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Unclassified.

(bases 1 to 30)

Ranum, L. P. W., Koob, M.D., Moseley-Alldredge, M.L.
SCA7 gene and method of use
                                               Unknown
                                                          Unknown
                                                                                 AR165925
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/mol_type="unassigned DNA"
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Pred. No. 45;
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             and Benzow, K.A.
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Unclassified.

1 (bases 1 to 30)
Schalling, M., Hudson, T.J. and Housman, D.
Direct detection of expanded nucleotide
Patent: US 5695933-A 6 09-DEC-1997;
                                                                                                       Sequence
184405
                                                                                                                                                                                                                            l Similarity
27; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                  SCA7 gene and utilization thereof Patent: JP 1999206393-A 4 03-AUG-1999; THE REGENTS OF THE UNIVERSITY OF MINNESOTA OS Homo sapiens (human) PN JP 1999206393-A/4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent: US 6280938-A 4 28-AUG-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 30)
Laura, B.W.R. and Michael, D.K.
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SCA7 gene and utilization
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                                                                                                                6 from patent US
                                                                                                                                                                                                                                                                      /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                 /organism='Homo
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/mol_type="unassigned DNA"
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          RESULT 13
AX473000/c
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AR078304
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AR078304
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Singer,R.H. and Taneja,K.L.
Detection of trinucleotide repeats by
Patent: US 5962332-A 14 05-OCT-1999;
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Schalling,M., Hudson,T.J. and Housman,D.E.
Direct detection of expanded nucleotide repeats in the human genome
Patent: US 5695933-A 11 09-DEC-1997;
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/mol_type="unassigned DNA"
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I84406
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AR084542
                  1 (bases 1 to 36)
Matson,R.S., Coassin,P.J., Rampal,J.B.
Oligonucleoctide repeat arrays
Patent: US 5981185-A 31 09-NOV-1999;
Location/Qualifiers
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Schalling,M., Hudson,T.J. and Housman,D.
Direct detection of expanded nucleotide
Patent: US 569593-A 7 09-DEC-1997;
Location/Qualifiers
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AX473000
AX473000.1 GI:22207787
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/organism="unknown'
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/mol_type="unassigned DNA"
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|mol_type="unassigned DNA"
|db_xref="taxon:32630"
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Pred. No. 74;
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Sequence 11 from
A84539
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Sequence 72 from
AX196241
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INST OF FOOD RESEARCH (GB); SCHWEIZER MICHAEL
LOCATION/Qualifiers
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1 (bases 1 to 35)
Schweizer M.
BIOLOGICAL ASSAY FOR TESTING THE CARCINOGENIC
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                                                                                                                                                                          Patent: WO 0151665-A 72 19-JUL-2001; Nanosphere, Inc. (US)
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                                   /note="random synthetic sequence"
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Location/Qualifiers
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Patent WO0151665.
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                                                Score 23.6; DI
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Pred. No. 1.2e+02; 
0; Mismatches 3
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Pred. No. 1.4e+02;
0; Mismatches 4
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: WO9845476.
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                                                            1.4e+02
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RESULT 20
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AX465328/c
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Sequence
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Sequence 72 from Patent W00218643.
AX465328
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Sequence 72 from Patent WO0173123.
AX440142
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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AX556146
Unclassified.
1 (bases 1 to 25)
Pickup, D.J., Patel, D. and Antczak, J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent: WO 0246472-A 77 13-JUN-2002; Nanosphere, Inc. (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff, Elghanian,R., Taton,T.A., Garimella,V., Li,Z. and Nanoparticles having oligonucleotides attached the
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Similarity 86.7%;
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77 from Patent WO0246472.
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/mol_type="unassigned DNA"
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                                                                                                     GI:1820720
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thereto and
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Best Local Similarity
Matches 27; Conserv
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             Improved method for inserting nucleic acid into cyclic vector Improved method for inserting nucleic acid into cyclic vector L patent: JP 2002532085-A 12 02-OCT-2002;

YURI ROMANTCHIKOV
OS Artificial Sequence
PN JP 2002532085-A/12
PD 02-OCT-2002
PD 17-DEC-1999 US 09/213834
PF 17-DEC-1998 US 09/213834
PF 17-DEC-1998 US 09/213834
PC C12N15/09,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N15/00,C12N
PC C12N15/09,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N15/00,C12N
PC C10ning Vector Location/Qualifiers
FT source /organism='Artificial Sequence'.
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I45569
I45569.1
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BD234339
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Cohen, A.S., Belenky, A. and Vilenchik, M.
Method of detecting sub-ppb levels of o
biological fluids
Patent: US 5637464-A 4 10-JUN-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Site-specific RNA cleavage
Patent: US 5578468-A 42 26-NOV-1996;
Location/Qualifiers
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synthetic construct
artificial sequences.
1 (bases 1 to 28)
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4 from patent US 5637464.
/organism='Artificial Sequence'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 1.4e+02;
0; Mismatches 6;
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g nucleic acid into cyclic vector.
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Gryaznov,S.M.
Gryaznov,S.M.
Convergent synthesis of branched and multiply connected macromolecular structures
Patent: US 5830658-A 12 03-NOV-1998;
Location/Qualifiers
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Sequence 12 from patent US
AR127791
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Unclassified.
                                                                                                                           Synthesis of branched nucleic acids Patent: US 6180777-A 12 30-JAN-2001; Location/Qualifiers
                                                                                                                                                                                                    Unknown
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/mol_type="genomic DNA"
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                                                                                         /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 1.3e+02;
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Pred. No. 1.2e+02;
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Pred. No. 1.3e+02;
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1 (bases 1 to
Gryaznov, S.M.
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AR120128
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       1 (bases 1 to 33)
Jacobsen,R., Jimenez,E., Cruz,L.J., Olivera,B.M., Gray,W.R.,
Grilley,M., Watkins,M. and Hillyard,D.R.
Contryphan peptides
Patent: US 6153738-A 26 28-NOV-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Convergent synthesis of branched and multiply connected macromomolecular structures
Patent: US 5571677-A 12 05-NOV-1996;
                                                                                                                                                                                                                                                                                                                                       Contryphan peptides
Patent: US 6077934-A 26 20-JUN-2000;
                                                                                                                                                                                                                                                                                                                                                            Jacobsen, R., Jimenez, E., Cruz, L.J., Olivera, B.M., Grilley, M., Watkins, M. and Hillyard, D.R.
                                                                                   Unknown
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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A84538
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1 (bases 1 to 35)

Schweizer,M.

BIOLOGICAL ASSAY FOR TESTING THE CARCINOGENIC PROPERTIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 (bases 1 to 33) Cohen, J.I., Purcell, R.H., Feinstone, S.M. and Ticehurst, J.R. cDNA encoding attenuated cell culture adapted hepatitis A virus
                                                                                                                                                                                                                                       unidentified
                                                                                                                                                                                                                                                                         A84538.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent: US 5478746-A 1 26-DEC-1995;
Location/Qualifiers
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AR365237
                                                                                                                                                     Patent: WO 9845476-A 10 15-OCT-1998;
INST OF FOOD RESEARCH (GB); SCHWEIZER MICHAEL
                                                                                                                                                                             SUBSTANCE
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10 from Patent WO9845476,
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                                                                                                                                        Location/Qualifiers
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Pred. No. 1.5e
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Pred. No. 1.7e+02;
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Reagents and methods useful fo
BD192375
BD192375.1 GI:33002114
JP 2002516576-A/14.
Mus sp.
Mus sp.

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Eukaryota; Metheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 26)
1 (bases 1 to 26)
Medel, P.A.B., Cohen, M., Colpitts, T.L., Friedman, P.N., Gordon, J.,
Medel, P.A.B., Cohen, M., Colpitts, T.L., Friedman, P.N., Gordon, J.,
Granados, E.N., Hodges, S.C., Klass, M.R., Kratochvil, J.D.,
Russell, J.C., Scheffel, C.P., Stroupe, S.D. and Yu, H.
Reagents and methods useful for detecting diseases of the breast
Patent: JP 2002516576-A 14 04-JUN-2002;
ABBOTT LABORATORIES
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Sequence
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Matson, R.S., Coassin, P.J., Rampal, J.B.
Oligonucleoride repeat arrays
Patent: US 5981185-A 94 09-NOV-1999;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 1.2e+0
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BD165919/c
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PI JON D K
PI STROUPE
PI HONG YU
PC C12N15/
G01N33/574
CC Strande
CC Topolog
FH Key
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           unidentified unidentified
                                 BD165919
BD165919.1 GI:27871731
JP 2002191384-A/7.
                                                                   BD165919
Method for melting
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Sequence 7 from Patent EP1207210.
AX430216
unclassified
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Patent: EP 1207210-A 7 22-MAY-2002;
Pache Diagnostics GmbH (DE); F. HOFFMANN-LA ROCHE AG
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                                                                                                                                                                                                                                                                                                Homo sapiens
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04-JUN-2002
19-JUN-1998 JP 1999504891
20-JUN-1997 US 08/879354
20-JUN-1997 US MEDEL, MAURICE COHEN, TRACEY L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  HONG YU C12N15/12, C07K14/47, C12Q1/68, C12N15/85, C12N5/10, C07K16/18,
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JULIAN GORDON, EDWARD N GRANADOS, STEVEN
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                                                                                                                                                                                                                                   /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:10095"
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Pred. No. 1.2e+02;
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Patent: JP 2002191384-A 7 09-JUL-2002;
F HOFFMANN LA ROCHE AG
OS Homo sapiens (human)
PN JP 2002191384-A/7
PD 09-JUL-2002
PF 13-NOV-2001 JP 2001348017
PF 13-NOV-2001 JP 20134897.0
PI WOLFGANG DIETMAIER
PC C12N15/09,C12Q1/68,C12N15/00
CC Method for melting curve analysis of repetitive PCR product
Key Location/Qualifiers
FT source 1..29
FT source /organism='Homo sapiens (human)'.
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Sequence 24 from Patent W09425606.
A40397
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synthetic construct
synthetic construct
artificial sequences.
1 (Dases 1 to 33)
Oku,T., Nishio,T. and Sato,T.
                                                                        BD171339
BD171339.1 GI:28412629
JP 2002218979-A/2.
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Kocher, H.P., Schneider-Scherzer, E., Schoerge
RECOMBINANT ALANINE RACEMASE AND GAPDH FROM
Patent: WO 9425606-A 24 10-NOV-1994;
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Production method of cytochrome
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15-NOV-2000 EP 00124897.0
WOLFGANG DIETMAIER
C12N15/09,C12Q1/68,C12N15/00
Method for melting curve analysis of repetitive PCR products
Key Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism='Homo sapiens (human)'
                                                                                                                                                                                                                                                                                                                          /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                       (AT)
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                                                                                                                                                                                                                                                                                  Score 22.8; DB 1
Pred. No. 1.7e+02
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Pred. No. 1
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                                                                                                                                    PAT 18-FEB-2003
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SOURCE
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BD173750
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Patent: JP 2002:18979-A 2 06-AUG-2002;
NIHON UNIVERSITY
OS Artificial Sequence
PM JP 2002:18979-A/2
PD 06-AUG-2002
PF 23-JAN-2001 JP 2001014510
PF 23-JAN-2001 JP 2001014510
PF 23-JAN-2001 JP 2001014510
PC C12N15/09,C12N1/21,C12P21/02//(C12N-C12N15/09,C12N1/21,C12P21/02//(C12N-C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N1
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1 (bases 1 to 33)

Oku,T., Nishio,T. and Sato,T.

Process for producing cycochrome c
patent: WO 02059339-A 2 01-AUG-2002;

NIHON UNIVERSITY,TADATAKE OKU,TOSHIYUKI NISHIO,TADASHI SATO
OS Artificial Sequence
PN WO 02059339-A/2
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synthetic construct
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FH Key Location/Qualifiers
FT 50urce 1.33
FT /organism='Artifici
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JP 2002218979-A/2
06-AUG-2002
06-AUG-2002
23-JAN-2001 JP 2001014510
TADATAKE OKU, TOSHIYUKI NISHIO, TADASHI SATO
C11N15/09, C12N1/21, C12P21/02//(C12N15/09, C12R1:91), (C12N1/21,
                                                                                                                                                                                                                                                                                                                                                                                                                                                  23-JAN-2002 WO 2002JF000467
23-JAN-2001 JP 01P 014510
TADATAKE OKU, TOSHIYUKI NISHIO, TADASHI SATO
C12P21/02, C12N15/53, C12N15/63, C12N1/21//(C12P21/02, C12R1:91),
(C12N15/53, C12R1:01), (C12N1/21, C12R1:01)
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Location/Qualifiers
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                               0.3%;
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Pred. No. 1
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Pred. No. 1.8e+02;
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                                                                                                           Mismatches
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RESULT

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AR029831
LOCUS
DEFINITION
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ORGANISM
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AR162080/c
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Matches 24
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Matches 24; Conserv
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AR162080
                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence
AR029831
1 (bases 1 to 29)
Szostak, J.W., Roberts, R.W. and Liu, R.
Method for selection of proteins using RNA-protein fusions
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SAICOM S R L (IT)
Other publication IT MI952539 19970604
Other publication AU 1175497 19970627.
Location/Qualifiers
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                                                     Unknown
                                                                                          AR162080.1
                                                                                                                                                                                                                                                                                                                              Patent:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Scaggiante, B. and Quadrifoglio, F.
A CLASS OF OLIGONUCLEOTIDES, THERAPEUTICALLY USEFUL AS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 unidentified unclassified.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 19 from A63578
                                           Unclassified
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ng,C.-G. and Hepburn,A.G.
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(larity 92.3%;
Conservative
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US 5861244-A 20 19-JAN-1999;
Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Pred. No. 1.9e+02;
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SOURCL:
ORGANISM
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BD238387/c
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AR166605/c
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Best Local Similarity 86.2%;
Matches 25; Conservative
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PN JP 2002536025-A/5

PD 29-CCT-2002

PF 01-FEB-2000 JP 20

PR 09-FEB-1999 US

PI JACK W SZOSTAK, RI

PC C12N15/09, C07K7/0

Translation template

FT source

FT source
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Sequence 8 f
AR166605
AR166605.1
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Location/Qualifiers
                                                                                                                                                                                                                                 synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 29)
Szostak, J.W., Roberts, R.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 (bases 1 to 29)
Szostak, J.W., Roberts, R.W. and Liu, R.
Nucleic acid-protein fusion molecules
Patent: US 6281344-A 8 28-AUG-2001;
Location/Qualifiers
                                                                                                                                                                                              Sorting of proteins using Patent: JP 2002536025-A 5 THE GENERAL HOSPITAL CORP
                                                                                                                                                                                                                                                                                                                            BD238387
Sorting of proteins using
BD238387
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                                                                                               01-FEB-2000 JP 2000598669
09-FEB-1999 US 09/247190
JACK W SZOSTAK,RICHARD W ROBERTS,RIHE LIU
C12N15/09,C07K7/00,C07K14/00,C12Q1/68,C12N15/00
                                                                                                                                                                     Artificial Sequence JP 2002536025-A/5
                                   /organism='Artificial
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/mol_type="unassign
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/mol_type="unassigned DNA"
/organism="synthetic construct"
/mol_type="genomic DNA"
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                                                                             Location/Qualifiers
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Pred. No. 1.6e+02
0; Mismatches
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Pred. No. 1.6e+02
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g RNA-protein
5 29-OCT-2002;
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                            RESULT 47
AX048408
LOCUS
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AR288232/c
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AR279813/c
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Sequence 7
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AR288232
AR288232.1
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Sequence 8 1
AR279813
AR279813.1
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Kuimells,R.G. and Wagner,R.

Addressable protein arrays

Patent: US 6537749-A 3 25-MAR-2003;

Location/Qualifiers
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Szostak,J.W. and Roberts,R.W.
RNA-antibody fusions and their selection
Patent: US 6518018-A 8 11-FEB-2003;
Location/Qualifiers
                              AX048408
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                                                                                                                                                              /organism="unknown"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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            29 bp
from Patent WO0071747.
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0; Mismatches 4;
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ACCESSION
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AX052994/c
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Detection system for separating const
production and use of the same
Patent: WO 0071747-A 7 30.NOV-2000;
Aventis Research & Technologies GmbH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  synthetic construct
synthetic construct
artificial sequences.
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Sequence 8 from Patent WO0071747.
AX048409
AX048409.1 GI:12225573
          Pignot, M.
Detection system for analyzing molecular interactions,
                                                                          synthetic construct synthetic construct
                                                                                                                                                      AX052994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     synthetic construct
synthetic construct
and utilization thereof
                                     Boekenkamp,D., Hoppe,H.U.,
                                                              artificial sequences.
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 1.6e+02;
0; Mismatches 4;
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Pred. No. 1.6e+02;
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                                     Burgstaller, P.,
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Best Local Similarity
Matches 25; Conserv
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Aventis
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Sequence 41 from Patent WO02059293.
AX662302
                                                               Patent: WO 02059293-A 41 01-AUG-2002;
Forster, Anthony C. (US) ; Blacklow,
Location/Qualifiers
                                                                                                                                                        synthetic construct
synthetic construct
artificial sequences.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Bio-probes and use thereof Patent: WO 0204656-A 5 17-JAN-2002; Xzillion GmbH & CO.KG (DE)
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synthetic construct
artificial sequences.
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                                                                                                      synthesis
                                                                                                                                Forster, A.C. and Blacklow, S.C.
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Research & Technology GmbH & Co.
Location/Qualifiers
                                                                                                                    and compositions
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/note="Beschreibung der kunstlichen
Sequenz:Puromycin-Linker"
                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="synthetic construct"
/mol_type="unassigned DNA"
/mb xrefs="taxon:32630"
/noTe="Linker mit Puromycin am 3'-Ende"
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/mol_type="unassigned DNA"
/organism="synthetic construct"
/mol_type="unassigned DNA"
/mol type="unassigned DNA"
/db xref="texon:32630"
/noce="from synthetic DNA"
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Patent WO0204656.
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Pred. No. 1.6e+02;
0; Mismatches 4;
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Protein array enabling site specification
Patent: JP 2002510505-A 3 09-APR-2002;
PHYLOS INC
OS Artificial Sequence
PN JP 2002510505-A/3
PD 09-APR-2002
PF 31-MAR-1999 JP 2000542484
PR 03-APR-1998 US 60/080686
PI ROBERT G KUIMELIS, RICHARD WAGNER
PC C12NL5/09, C07H21/02, C07H21/04, C12M1/00,
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H.sapiens (haplotype 3, allele MS32,
2) minisatellite sequence.
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                                                          Jeffreys, A.J.
Extended nucleotide sequences
Patent: EP 0370719-A 97 30-MAY-1990;
IMPERIAL CHEMICAL INDUSTRIES PLC
                                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                              Homo sapiens (human)
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03-APR-1998 US 60/080666
ROBERT G KUMMELLS, RICHARD WAGNER
C12N15/09, C07H21/02, C07H21/04, C12M1/00, C12Q1/68, G01N33/566,
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism='Artificial Sequence'
                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                          Location/Qualifiers
                                                                                                                                                                                                            GI:411836
               organism="Homo sapiens"
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_type="unassigned DNA"
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Pred. No. 1.6e+02;
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S64862S3/c
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ACCESSION
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AR409897
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                                                                                                                                                                                                                                  Sequence 10 from patent US AR409897
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GenBank staff at the National Library of Medicine created this entry (NCBI gibbsq 136653) from the original journal article. This sequence comes from Fig. 2A.

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Bailey,A.D. and Shen,C.K.
Sequential insertion of Alu family repeats into specific genomic sites of higher primates
Proc. Natl. Acad. Sci. U.S.A. 90 (15), 7205-7209 (1993)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Hylobates sp. (gibbon)
Hylobates sp.
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                                   1 (bases 1 to 32)
Keene, J.D., Tenenbaum, S.A. and Carson, C.C.
Methods for isolating and characterizing endogenous mRNA-protein
                                                                                                                                                                                Unknown
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                                                                                                     US 6635422-A 10 21-OCT-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Hylobates sp."
/mol_type="genomic DNA"
/db_xref="taxon:9581"
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                                                 /organism="unknown"
/mol_type="unassigned RNA"
                                                                                       Location/Qualifiers
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0.3%; Score 22.2; DB 1;
88.9%; Pred. No. 2.2e+02;
tive 0; Mismatches 3;
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Pred. No. 1.8e+02;
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BD165916/c
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AX430213/c
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                                                                                                                                                      Method for melting curve analysis of repetitive Patent: JP 2002191384-A 4 09-JUL-2002; F HOFFMANN LA ROCHE AG
                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 32)
Dietmaier, W.
                                                                                                                                                                                                                                                                                                                                                                               unclassified.
                                                                                                                                                                                                                                                                                                                                                                                             unidentified
                                                                                                                                                                                                                                                                                                                                                                                                         unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Method for melting curve BD165916
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Method for melting curve analysis of repetitive pcr products Patent: EP 1207210-A 4 22-MAY-2002; Roche Diagnostics GmbH (DE); F. HOFFWANN-LA ROCHE AG (CH)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 4
AX430213
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                                                                                                                                                                                                                                                                                                                                                                                                                                     BD165916.1 GI:27871728
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Similarity 88.9%;
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13-NOV-2001 JP 2001348017
15-NOV-2000 EP 00124897.0
I WOLFGANG DISTMAIER
C C12N15/09,C12Q1/68,C12N15/00
C Method for melting curve analysis of re Location/Qualifiers
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                                                                                                                                                                                                                                                                             Homo sapiens (human) 
JP 2002191384-A/4
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                              Conservative
                                                                                                                                      /organism='Homo
                                                                            /organism="unidentified"
/mol_type="genomic DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                                                                                                                                      Genes and proteins predicting and treating fit, hypertension, diabetes and obesity
AL Patent: JP 2002525115-A 1 13-AUG-2002;
CURAGEN CORP
OS Artificial Sequence
PN 12-002525115-A/1
PD 13-AUG-2002
13-AUG-2002
13-AUG-2002
19-SEP-1999 US 09/161939
PI RICHARD A SHIMKETS
PC C12N15/09,AO1K67/027,A61K31/7088,A61K38/00,A61K39/395,A61K39
PC A61K39/395,A61K48/00,A61P3/04,A61P3/06,A61P9/10,A61P9/12, PC A61P43/00,
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synthetic construct
artificial sequences.
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                                                                                                                 P P
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JP 2002525115-A/1.
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Description of Artificial Sequence: oligo(dT)<25>V
Location/Qualifiers
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28-SEP-1998 US 09/161939
RICHARD A SHIMKETS
C12N15/09, A01K67/027, A61K31/7088, A61K38/00, A61K39/395, A61K39/
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organism="synthetic construct"
/mol_type="genomic DNA"
                                                                               /organism='Artificial Sequence'
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|mol_type="unassigned DNA"
|db_xref="taxon:32630"
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1 (bases 1 to :
Shimkets,R.A.
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AX814950
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Sequence 6 1
AR263647
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Sequence
AR257336
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Adler, D.A. and Sheppard, P.O.
Secreted salivary ZSIG63 Polypeptide
Patent: US 6331413-A 6 18-DEC-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       23;
                                                                                                                                                                                                                                           Unknown
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           36
                                                                                                                                                   /organism="unknown"
/mol_type="genomic
                                                                                                                                                                                                                                                                                                                                                                                                                                     /mol
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                                                                                                                                                   _type="genomic DNA"
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           Patent W003064691.
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Local Similarity 88.5%;
                                                                                                                    4464
                                                                                                                                                                                                                                                                           1 (bases 1 to 26)
2 Conklin, D.C. and Blumberg, H.
3 A human 2-19 protein homologue, Z219A
Patent: JP 2001507946-A 4 19-JUN-2001;
ZYMOGENETICS INC
CS Artificial Sequence
PN JP 2001507946-A/4
PD 19-JUN-2001
PP 06-CCT-1998 JP 199522287
PR 06-CCT-1998 UP 199522287
PR 06-CCT-1997 US 60/061712
PI DARRELL C CONKLIN, HAL BLUMBERG
PC C12N15/12, C12N15/62, C12N5/10, C07K14/
A01K67/027
CC Oligonucleotide primer ZC7231
FH Key , Location/Qualifiers.
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AR214918
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llarity 88.5%;
Conservative
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06-OCT-1997 US 60/061712
DARREIL C CONKLIN, HAL BLUMBERG
C12N15/12, C12N15/62, C12N5/10, C07K14/47, C07K16/18, C12Q1/68,
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 18
                                                                                                                                                                                                   /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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Pred. No. 1.7e+02;
""Amatches 2;
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AX327980
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Sequence 18 from Patent EP0962536.
AX009609
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Location/Qualifiers
                        synthetic construct synthetic construct
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            artificial sequences
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                                                                                           37 from Patent
                                                                                                                                                                                                                                                                              carboxymethyl digoxigenin"
                                                                                                                                                                                                                                                                                         /note="Y means incorporation of Aminolinker-phosphoramidite sub
                                                                                                                                                                                                                                                                                                                    /note="Phosphate linked to biotin via
27
                                                                                                                                                                                                                                                                                                                                                          /organism="Mycobacterium tuberculosis"
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/note="Primer"

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AX711956
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AX513052
AX513052.1 GI:23504143
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l Similarity 88.5%;
23; Conservative
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                                                            Tuvemo, H.T., Frisk, G.E. and Yin, H. Entercyirus nucleic acids Patent: WO 02103060-A 35 27-DEC-2002; Innoventus Project AB (SE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Egelrud, T. and Hansson, L. Scce modified transgenic mammals and their use as
                                                                                                                                      synthetic construct synthetic construct
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     42 from Patent
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                               Location/Qualifiers
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/mol_type="unassigned DNA"
/mb xref="taxon:132630"
/noTe="5 -RACE cDNA synthesis p
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Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 1.8e+02;
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AX249132/c
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A01419/c
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Query Match 0.3%; Best Local Similarity 83.3%; Matches 25; Conservative (4464 TITTITTTTTTTTTTTTTTTTGTCTTG 4489 51 CGGCGGCAACGGAGGCTGCGGGGGGCGGCGG 80 52 GGCGGCAACGGAGGCTGCGGGGGGGCGGCGGC 81 A01419 Malaria parasitic epitope A01419 184401 Sequence AX249132 Sequence 1211 from Patent AX249132 AX249132.1 GI:15863755 synthetic construct synthetic construct 1 (bases 1 to 30) Schalling, H., Hudson, T.J. and Housman, D. Birset detection of expanded nucleotide Patent: US 5695933-A 2 09-DEC-1997; Patent: WO 8810300-A 23 29-DEC-1988; Location/Qualifiers A01419.1 artificial sequences. 1 (bases 1 to 31) Unclassified. 184401.1 h 0.3%; Similarity 88.5%; 23; Conservative 1 Similarity ceeceeceeceeceeceeceeceecee TITTTTTTTTTTTTTTTTTTTTT 27 Conservative 2 from patent US /organism="synthetic construct" /mol_type="unassigned DNA" /db_xref="taxon:32630" /organism="unknown" /mol_type="unassigned DNA" Location/Qualifiers GI:344347 GI:3021921 0.3%; 1: 0 0; Score 22; DB Pred. No. 2.1e 0; Mismatches Score 22; DB Pred. No. 2.2e 0; Mismatches Score 22; DB 1; Pred. No. 1.8e+02; Mismatches 30 bp 5695933. 31 bp D 31 bp (T-cell). DB 1; 2.2e+02; 5; _ Ľ DB 1; 2.1e+02; 5; DNA DNA DNA Length 31; Length 30; Ħ Length 27; repeats linear linear linear in the PAT PAT PAT 0 0; 0, human 04-APR-1998 Gaps Gaps Gaps 0 0 0,

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KEYWORDS
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158009
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Dellinger,D.J., Dahm,S.C., Ilsley,D.D.,

Hybridization assay signal enhancement

Patent: US 6103474-A 5 15-AUG-2000;

Location/Qualifiers
                                                                    1 (bases 1 to 25)
Nikiforov, T. and Knapp, M.R.
Method for immobilizing nucleic acid
Method for immobilizing nucleic acid
Patent: US 5610287-A 2 11-MAR-1997;
                                                                                                                                                                             Sequence 2 from patent US 
158009
158009.1 GI:2483073
                                                                                                                                                                                                                                                                                                                                       23;
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Human single nucleotide polymorphisms
Patent: WO 0166800-A 1211 13-SEP-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                         Unknown.
                                                                                                                                                      Unknown.
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5 from patent US 6103474.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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                                    organism="unknown"
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                      _type="unassigned DNA"
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Pred. No. 2.2e+02;
1; Mismatches 1
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Pred. No. 1.7e+02;
Score 21.8;
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                           RESULT 76
AX338548/c
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l Similarity 92.0%;
23; Conservative
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Wong, Y.N.

Wong, Y.N.

Patent: US 5734020-A 2 31-MAR-1998;

Location/Qualifiers
synthetic construct
synthetic construct
                                       AX338548 25 bp
Sequence 4 from Patent WO0188192
AX338548 .
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Kuimelis,R.G. and Wagner,R.
Addressable protein arrays
Patent: US 6537749-A 23 25-MAR-2003;
                                                                                                                                                                                                                                                                                Unknown
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/mol_type="genomic |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /mol_type="unassigned DNA"
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                               GI:18128948
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Pred. No. 1.
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Pred. No. 1.7e+02;
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0; Mismatches 2
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Probe carrier, Method and
BD187514
BD187514.1 GI:32997253
JP 2003914773-A/4.
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PN JP 2003014773-A/3
PD 15-JMA-2003
PF 28-MAR-2002 JP 2002093024
PI nobuyuki okamura,tadashi okamoto,makoto kameyama
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Patent: WO 0.188192-A 4 22-NOV-2001;
The Johns Hopkins University School of Medicine (US); Morphotek
Inc. (US); Nicolaides, Nicholas, C. (US); Sass, Philip, M. (US)
Grasso, Luigi (US); Vogelstein, Bert (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  artificial sequences.

1 (bases 1 to 25)

Okamura, N., Okamoto, T. and Kameyama, M.

Probe carrier, Method and Apparatus for producing

Probe: JP 2003014773-A 3 15-JAN-2003;
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BD187513
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JP 2003014773-A/3.
synthetic
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synthetic construct
                       synthetic construct
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llarity 92.0%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mal_type="unassigned DNA"
/mal_type="taxon:32630"
/noTe="Recombinant DNA"
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Pred. No. 1.7e+02;
0; Mismatches 2
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Pred. No. 1.7e+02;
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Probe carrier.
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Probe carrier.
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BD204988
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CANON INC
OS Artificial Sequence
PN JP 2003014773-A/4
PD 15-JAN-2003
PF 28-JAN-2003
PF 28-JAN-2002 JP 2002093024
PI nobuyuki okamura,tadashi okamoto,makoto kameyama CC oligonucleotide used as a probe to be stabilized CC on of a
CC carrier
FH Key Location/Qualifiers.
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OS ARTIFIC
OS ARTIFIC
PN JP 2002
PD 09-APR--
PF 31-MAR--
PR 03-APR-
PI ROBERT
PC C12N15/
G01N33/68,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        23;
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1 (bases 1 to 25)

Okamura,N., Okamoto,T. and Kameyama,M.

Probe carrier, Method and Apparatus for producing Probe carrier

Probe type 1 probe 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 25)

Kuimelis,R.G. and Wagner,R.

Protesin array enabling site specification

Patent: JP 2002510505-A 23 09-APR-2002;
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                                               TTTTTTTTTTTTTTTTTTGTCTT 4488
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03-APR-1998 US 60/080686
ROBERT G KUIMELIS,RICHARD WAGNER
C12N15/09,C07H21/02,C07H21/04,C12M1/00,C12Q1/68,G01N33/566,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Artificial Sequence
JP 2002510505-A/23
09-APR-2002
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                                                                                                                                                                                                                                                                                              /organism='Artificial Sequence'
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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/mol_type="genomic DNA"
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Pred. No. 1.7e
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Sequence 39
AR174582
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AR174581
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AR137712
1 (bases 1 to 26)
Novak, J.E., Presnell, S.R.,
Gross, J.A., Johnston, J.V.,
Hammond, A.K.
Cytokine zalphall Ligand
                                                                                                                                                                                                                                                                                                                    Cytokine zalphall Ligand
Patent: US 6307024-A 38 23-OCT-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 26)
Novak, J.E., Presnell, S.R., Sprecher, C.A., Foster, D.C., Holly, R.D., Gross, J.A., Johnston, J.V., Nelson, A.J., Dillon, S.R. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 26)
Lin,S.-L., Chuong,C.-M. and Ying,S.-Y.
Method for generating full-length cDNA library
Patent: US 6197554-A 5 06-MAR-2001;
                                                                                                                                                                                                                                                                                                                                                      Gross, J.A.,
Hammond, A.K.
                                                                                                                                                                                                                                                                                                                                                                                                             Unknown
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                                                       Unknown.
Unclassified.
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6307024.
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                     Sprecher, C.A.,
Nelson, A.J., D
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                      ., Foster, D.C., Holly, R.D., Dillon, S.R. and
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RESULT 84
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BD248974
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OS Artificial Se
PN JP 2002537839
PD 12-NOV-2002
PP 09-MAR-2000
PR 09-MAR-1999 U
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Novel cytokine ZALPHAll ligand.
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BD248975.1 GI:33058745
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CC Oligon
FH Key
FT source
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PI RICH
PI STACI
PC C12N
PC C07K
PC C07K
PC C12N1/21
PC C12N1/21
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                           PF 09-MAR-1990 US 2000603382
PR 09-MAR-1999 US 09/265992 PR 01-UUL-1999 US 60/142013
PI JULIA E NOVAK, SCOTT R PRESNELL, CINDY A SPRECHER, DONALD C PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Novel cytokine ZALPHA11 Patent: JP 2002537839-A
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1 (bases 1 to 26)
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JP 2002537839-A/35
12-NOV-2002
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/mol_type="genomic DNA"
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Pred. No. 1.8e
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Nelson, A.J., D
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Dillon, S.R. an
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PAREPRI: JP 2002537839-A 36 12-NOV-2002;

PAREPRI: JP 2002537839-A 36 12-NOV-2002;

ZYMOGENETICS INC

OS Artificial Sequence
PN JP 2002537839-A/36

PD 12-NOV-2002

PF 09-MAR-1999 US 09/264908,11-MAR-1999 US

O1-JUL-1999 US 60/142013

PI JULIA E NOVAK, SCOTT R PRESNELL, CINDY A SPRECHE
FOSTER,

PI JULIA E NOVAK, SCOTT R PRESNELL, CINDY A SPRECHE
FOSTER,

PI STACEY R DILLON, ANGELA K HAMMOND
PC C12N15/09,A61X38/00,A61X45/00,A61P35/00,A61P37

PC C07K14/53,C07K14/55,C07K16/24,C07K19/00,C12N1/
PC C07K14/54,C07K14/55,C07K16/24,C07K19/00,C12N1/
PC C12N5/10,C12P21/02,C12P21/02,G01N33/53,C12N15/
A61K37/02

CC Oligonucleotide primer 2C7764b
FH Key 1 .26

FT SOURCE /Organism='Artificial Sequence
FT FOR CONTACT C
                                                                                                                                                                                                                                                                                Molecular indexing for expressed gene
Patent: US 5707807-A 1 13-JAN-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1 from patent 179494
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larity 92.0%;
Conservative
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Location/Qualifiers
1. 26
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/mol_type="genomic DNA"
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                                                                                                                                                                                                        /organism="unknown"
/mol_type="unassign
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                                                                                                                                                                                                     _type="unassigned DNA"
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Pred. No. 1.8e+0
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Pred. No. 1.8e+02
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AR279358
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AR263648
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AS Adler,D.A. and Sheppard, P.O.
Secreted salivary ZSIG63 Polypeptide
Secreted salivary ZSIG63 Polypeptide
Location/Qualifiers
26 "...nknown"
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1 (bases 1 to 26)
O'Neill.R.A., Chen,J.-K., Chiesa,C. and Fry,G.
Multiplex polynucleotide capture methods and c
Patent: US 6514699-A 2 04-FEB-2003;
Location/Qualifiers
                                                                                                    Sequence 2 from AR279358 AR279358.1 GI:2
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Sequence
AR263648
                                                         Unknown.
Unclassified.
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Patent: US 5707807-A 2 13-JAN-1998;
Location/Qualifiers
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/mol_type="unassigned DNA"
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Novak, J.E., Presnell, S.R., Sprecher, C.A., Foster, D.C., Holly, R.D., Gross, J.A., Johnston, J.V., Nelson, A.J., Dillon, S.R. and Hammond, A.K.
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23; Conser
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AR374074
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Novak,J.E., Presnell,S.R., Sprecher,C.A.,
Gross,J.A., Johnston,J.V., Nelson,A.J., Di
Hammond,A.K.
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AR374073
                                                                                                                                  Methods of using zalphall ligand Patent: US 6605272-A 39 12-AUG-2003; Location/Qualifiers
                                                                                                                                                                                                                          Unclassified.
                                                                                                                                                                                                                                   Unknown
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/mol_type="genomic
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Sequence 3 from Patent WO0188192.
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Ju,J., Li.Z., Tong,A. and Russo,J.J.

Combinatorial fluorescence energy transfer tags and applications for multiplex genetic analyses Patent: US 6627748-A 1 30-SEP-2003;

Location/Qualifiers
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            Kinzler, K.W.
                        Nicolaides, N.C., Sass, P.M., Grasso, L.,
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for generating hypermutable
                                                                                                                                                                                                                                                                                                          /organism="synthetic construct"
/mol_type="unassigned_DNA"
/db_xref="taxon:32630"
/noTe="Oligonucleotide_primer_ZC7764b"
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AX528804
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AX528804
AX528804.1
                                                                       Pedersen,M.L.
Assay and kit for analyzing gene expression
Patent: WO 02059357-A 53 01-AUG-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Lin,S.L., Chuong,C.M. and Widelitz,R.B. Gene silencing using mrna-cdna hybrids Patent: WO 0210374-A 3 07-FEB-2002; UNIVERSITY OF SOUTHERN CALIFORNIA (US) Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           synthetic construct synthetic construct artificial sequences.
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                                                                                                                                                 synthetic construct
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artificial sequences.
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AX427154
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/mol_type="unassigned DNA"
/mol type="taxon:32630"
/noEe="Poly(dT)-26mer primer"
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/mol_type="unassigned DNA"
/mol_type="unassigned DNA"
/db xrefs"ttaxon:32630"
/noTe="Recombinant DNA"
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/db_xref="taxon:32630"
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from Patent WO0210374.
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Best Local Similarity Matches 23; Conserv
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Best Local Similarity
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PP 27-MAR-2001;

OS Unidentified
PN JP 2001503973-A/2
PD 27-MAR-2001
PF 02-OCTT-1997 JP 1998516839
PR 04-OCT-1996 US 60/027832,12-JUN-1997 US 08/t
ROCER A O'NEILL,OAR CAIN CHEN, CLAUDIA CHIESA, GEORGE FRY
C1201/68,C12N15/09,C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
FH Key
FT Source
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synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 27)
Sengu,K.Y. and Ito,S.
REPLICATION OF DNA
Patent: JP 1993103673-A 79
ARIZONA BOARD OF REGENTS
OS Artificial sequence;
PN JP 1993103673-A/79
PD 27-APR-1993
PP 26-AUG-1991 JP 199124
PI SENGU KUU YUU, ITO SU
PC C12N15/10,C12N15/11//
CC strandedness: Single;
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1 (bases 1 to 26)

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OGneill,R.A., Chen,J.C., Chiesa,C. and Fry,G.

Method and composition for capturing multiple

Method and composition 2 27-MAR-2001;
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BD007174
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DNA sequence of 3'terminal
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JP 2001503973-A/2.
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                 26-AUG-1991 JP 1991240525
SENGU KUU YUU, ITO SUMIYOSHI
C12N15/10,C12N15/11//C12Q1/68;
                                                                             Artificial gene
Artificial sequence;
JP 1993103673-A/79
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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RESULT 99
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Garner, H.R., Wren, J.D., Minna, J.D. and Polymorphic repeats in human genes Patent: US 6472154-A 153 29-OCT-2002;
Location/Qualifiers
                                                                                                            Krieg,A.M., Schetter,C. and Vollmer,J.C.
Immunostimulatory nucleic acids
Patent: WO 0122972-A 911 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (
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/mol_type="genomic DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                        Location/Qualifiers
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Pred. No. 1.9e
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Location/Qualifiers
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                                                                                             /organism="synthetic construct"
/mal_type="unassigned DNA"
/mal_type="unassigned DNA"
/db xref="taxon:32630"
/noTe="synthetically generated primer"
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/mol_type="unassigned DNA"
/mol_type="taxon:32630"
/note="Synthetic oligonucleotide-phosphorothioate
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Patent: JP 200262871-A 12 17-SEP-2002;
VETERANS GENERAL HOSPITAL
OS Artificial Sequence
PN JP 2002262871-A/12
PI 77-SEP-2002
PF 28-FEB-2001 JP 2001055192
PF 28-FEB-2001 JP 2001055192
PI TAI ZHAI CHAN
PC C12N15/99,C07K14/47,C12N1/15,C12N1/19,C12N1/21,C12N5/10 PC
C12P21/02,C12Q1/68,
PC G01N33/15,G01N33/50,G01N33/566,C12N15/00,C12N5/00 CC n =
A.T.C or G
C.T. Synthetically generated primer
FH Key Location/Qualifiers
FT misc_feature, (1), (27).
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Inhibition of angiogenesis by nucleic acids
Patent: WO 02053141-A 911 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
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ilarity 92.0%;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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Pred. No. 1.9e+02;
0; Mismatches 2;
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Pred. No. 1.9e+02
0; Mismatches
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Sequence 9 from Patent WO9508000.
A43784
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Sequence 36 from Patent WO0196559
AX427136
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         1 (bases 1 to 30)

Mandrand, B., Cros, P., Delair, T., Ch

REAGENT AND METHOD FOR THE DETECTIO

SIGNAL AMPLIFICATION

Patent: WO 9508000-A 9 23-MAR-1995;
                                                                         unidentified unclassified.
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y, K., Larrick, and Tam, A.
IA AND DNA AMPLIFICATION TECHNIQUES
tent: WO 9001065-A 2 08-FEB-1990;
MERIEUX (FR)
                                                                                                                                                                                                                                                                               Conservative
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/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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                                                                                                       Oerum,H. and Seeger,C.
METHOD FOR GENERATING MULTIPLE DOUBLE STRANDED
Patent: WO 9720068-A 7 05-JUN-1997;
BOEHRINGER MANNHEIM GMBH (DE)
LOCALION/QUAlifiers
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Sequence 7 from Patent WO9720068.
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METHOD FOR GENERATING MULTIPLE DOUBLE STRANDED
Patent: WO 9720068-A 3 05-JUN-1997;
BOEHRINGER MANNHEIM GMBH (DE)
LOCALION/Qualifiers
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Other publication FR 2710075 950324
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                               /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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                      Score 21.8; DB 1;
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artificial sequences.
1 (bases 1 to 30)
Tanimura,H. and Imada,M.
PRODUCTION OF OLIGORIBONUCLECTIDE
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1 (bases 1 to 30)

1 (bases 1 to 30)

Orum, H. and Seeger, C.

Method for generating multiple double Patent: US 6326143-A 7 04-DEC-2001;

Location/Qualifiers
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Sequence 7
AR179070
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1 (bases 1 to 30)

1 (bases 1 to 30)

Orum, H. and Seeger, C.

Method for generating multiple double stranded nucleic acids
Patent: US 6326143-A 3 04-DEC-2001;

Location/Qualifiers
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Sequence
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E04638 30 bp RNA linear PA
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/mol_type="unassigned DNA"
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TAKEDA CHEM IND LTD
OS Artificial gene
OC Artificial sequence; Genes.
PN JP 1992330093-A/2
PD 18-NOV-1992
PD 18-NOV-1992
PF 07-JUN-1991 JP 1991136086
PR 20-JUL-1990 JP 90P 190762
PT TANIMURA HIROSHI, IMADA MICHI
PC C07H21/02;
CC strandedness: Single;
CC topology: Linear;
FH Key Location/Qualifiers
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/note='suitably sele
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Sequence 1094 f
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184450.1 GI:3021970
           synthetic
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Location/Qualifiers
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Mandrand, B., Cros, P., Delair, T., Charles, M.-H., Erout, M.-N. and
Pichot, C.
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/mol_type="genomic RNA"
/db_xref="taxon:32630"
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                                                           Tokunaga,T., Ishiguro,T. and Horie,R. Novel fluorescent dye and method of measuring Patent: EP 123326-A 1 17-JUL-2002; Tosoh Corporation (JP)
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Patent: WO 0122972-A 1095 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 2 from Patent EP1223226.
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Oligonucleotides for labeling oligonucleotide
Patent: WO 0228074-A 115 21-MAR-2002;
VENTANA MEDICAL SYSTEMS, INC. (US)
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Novel fluorescent dye and method of measuring nucleic
Patent: EP 1223226-A 2 17-JUL-2002;
Tosoh Corporation (JP)
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/mol type="unassigned DNA"
/db xref="taxon.32630"
/noTe="Artificial"
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/note="Artificial"
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Pred. No. 2.3e+02;
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KEYWORDS
SOURCE
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BD105776/c
LOCUS
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ORGANISM
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BD132851
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KEYWORDS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PF 04-APR-2001 JP 2001106534
PR 16-JAN-1990 US 466138,13-MAR-1990 US 494118 PI
MICHAEL J CONRAD, STEPHEN COUTTS
PC A61K31/7088,A61K47/48,A61P37/02,C07K14/00,C12N15/00,C12N15/00
CC Synthetic Construct
FH Key Location/Qualifiers
FT source 1.30
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1 (bases 1 to 30)

1 (bases 1 to 30)

1 (conrad, M.J. and Coutts, S.

Conjugates of biologically stable polymers and polynucleotides for treating systemic lupus erythematosus patent: JP 2001354569-A 1 25-DEC-2001;

LA JOLLA PHARMACEUTICAL CO
OS Artificial Sequence
PN JP 2001354569-A/1

PD 25-DEC-2001
PF 04-APR-2001 JP 2001106534
PR 16-JAN-1990 US 466138,13-MAR-1990 US 404110 PT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 30
                                                                                                                                  GEN PROBE INC
OS Artificial Sequence
PN JP 2002509443-A/2
PD 26-MAR-2002
PF 30-CCT-1998 JP 1999526687
PR 31-CCT-1997 US 60/063969
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30 bp DNA Conjugates of biologically stable polymers treating systemic lupus erythematosus.
                                                                                                                                                                                                                       artificial sequences.

1 (bases 1 to 30)

Weisburg,W.G., Stull,P.D. and Reshatoff,M.R.
Methods of nucleic acid detection
Patent: JP 2002509443-A 2 26-MAR-2002;
                                                                                                                                                                                                                                                                                                                                          Methods of nucleic acid detection.
BD132851
BD132851.1 GI:23227796
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synthetic construct
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                                                                         Description of Artificial Sequence: synthetic oligonucleotide 
Location/Qualifiers.
                                                                                                                      WILLIAM G WEISBURG, PAUL D STULL, MICHAEL R RESHATOFF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism='Artificial Sequence'
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                             Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 2.3e+02;
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Length 30;

Indels

0

Gaps

0

DNA

linear

PAT 18-SEP-2002

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REFERENCE
AUTHORS
TITLE
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SOURCE
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TOSOH CO
OS Art
PN JP
PD 15-
PF 11-
PF TAI
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TOSOH CORP
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1 (bases 1 to 30)

Tokunaga, T., Ishiguro, T. and Horie, R.
Novel fluorescent colorant and method of Patent: JP 2002327130-A 1 15-NOV-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Novel fi
BD181358
PF 11-JAN-2002 JP 2002005267
PI TAKUMI TOKUNAGA, TAKAHIKO ISHIGURO, RYUICHI HORIE PC C09B23/00, C07D417/14, C07H21/04, C09K11/06, C12N15/09, C12Q1/68, PC
                                                                                                                                                            Novel fluorescent color:
BD181359
BD181359.1 GI:30792277
JP 2002327130-A/2.
                                                                               1 (bases 1 to 30)
Tokunaga, T., Ishiguro, T. and Horie, R.
Novel fluorescent colorant and method
Patent: JP 2002327130-A 2 15-NOV-2002;
                                                                                                                                      synthetic construct synthetic construct
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synthetic construct
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                                    JP 2002327130-A/2
15-NOV-2002
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                                                         Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                        /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 2.3e+02;
0; Mismatches 2;
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Pred. No. 2.3e+02;
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AUTHORS
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BD011883
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OS Artificial Sequence
PN W0 0079280-A/13
PD 28-DEC-2000
PF 22-JUN-2000 WO 2000JP004095
PR 22-JUN-1999 JP 99P 175928
PI NAOKAZU TAKEDA, KATSURO NATORI, TATSUO MIYAMURA, KUNIO PI KAMATA, TOSHINORI SATO,
PI SEIYA SATO
PC G01N33/569,C12N15/40
CC
FH Key Location/Qualifiers.
                                                                                                                                        4464 TTTTTTTTTTTTTTTTTTTTTTGTCTT 4488
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PC C12N15/00
CC dA30mer
FH Key
FT SOURCE
FT
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Sequence 5 1
AX052989
AX052989.1
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synthetic construct
artificial sequences.

1 (bases 1 to 33)
Takeda,N., Natori,K., Miyamura,T., Kunio,
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Detection kit for SRSV
Patent: WO 0079280-A 13 28-DEC-2000;
JAPAN AS REPRESENTED BY DIRECTOR GE YOSHIHIKO HIROSE, MITSUAKI
MORIGUCHI, KIMIYASU ISOBE DISEASES, DENKA SEIKEN CO LTD, NAOKAZU
TAKEDA, KATSURO NATORI, TATSUO MIYAMURA, KUNIO KAMATA, TOSHINORI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WO 0079280-A/13
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BD011883
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nilarity 92.0%;
Conservative (
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                                                                                                                                                                                                                               /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon;32630"
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                                  29 bp
from Patent WO0071749
              GI:12227091
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Pred. No. 2.3e+02;
0; Mismatches 2
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Pred. No. 2.7e+02
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                                                     PAT 12-JAN-2001
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RESULT 125
AR241846
LOCUS
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AUTHORS
TITLE
JOURNAL
                             REFERENCE
AUTHORS
TITLE
     JOURNAL
FEATURES
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DEFINITION
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AX079108/c
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Matches 24
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Best Local Similarity
Matches 24; Conserv
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                                                                                                                                AR241846
Sequence 134 from patent
AR241846
1 (bases 1 to 24)
Garner, H.R., Wren, J.D., Minna, J.D. and Fondon, J.W.
Polymorphic repeats in human genes
Patent: US 6472154 A 134 29-OCT-2002;
Location/Qualifiers
                                                                                                                        AR241846.1 GI:27287658
                                                                                                                                                                                                                                                                                                                                                                                                         Methods for determining the proliferation activity of cells
Patent: WO 0106226-A 6 25-JAN-2001;
Max-Planck-Gesellschaft zur Foerderung der Wissenschaften e
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        synthetic construct synthetic construct
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Sequence 6 from Patent WO0106226
AX079108
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Aventis Research & Technology GmbH & Co.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         and utilization thereof
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Boekenkamp, D., Hoppe, H.U., Burgstaller, P., Konz, D.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       synthetic construct
synthetic construct
artificial sequences.
                                                                   Unclassified.
                                                                                  Unknown.
                                                                                              Unknown.
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Similarity 82.8%;
24; Conservative
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Sequenz:Puromycin-Linker"
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/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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0; Mismatches 4
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4464 TTTTTTTTTTTTTTTTTTTTGTC 4486
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Vaisberg, E.A., Adams, C.L.,
Database system including
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Patent: US 6651008-A 4 18-NOV-2003;
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                                                                                                                  organism="synthetic construct"
/mol_type="unassigned DNA"
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Detection of cyp2d6 polymorphisms
Patent: WO 0218638-A 59 07-MAR-2002;
Gemini Genomics PLC (GB)
Location/Qualifiers
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AX394514
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        synthetic construct
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Max-Planck-Gesellschaft zur Foerderung der Wissenschaften e Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/mol_type="unassigned DNA"
/db xref="taxon.32630"
/noTe="Synthetic oligonucleotide"
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Sequence 9
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                          Kool,E.T.
Highly sensitive multimeric nucleic Patent: US 6077668-A 5 20-JUN-2000; Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
 /organism="unknown"
/mol_type="unassign
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ch 0.3%; 1 Similarity 88.5%; 23; Conservative
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                                                                                                      Improved method for inserting BD234335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Circular DNA vectors for synthesis of RNA and DNA Patent: US 6368802-A 5 09-APR-2002;
                                                                                                                                                                                                                                                                                                                synthetic construct
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                                                                                                                                                                          YURI ROMANTCHIKOV
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17-DEC-1999 JP 2000588337
17-DEC-1998 US 09/2138
                                                                                                                                                                                                                     Artificial Sequence
JP 2002532085-A/8
                                          /organism="synthetic construct"
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/db_xref="taxon:32630"
                                                                                        /organism='Artificial
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /mol_type="unassigned DNA"
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synthetic construct
artificial sequences.
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                                                                                                                  organism="synthetic construct"
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/db_xref="Laxon:32630"
                                                                                                      /note="random synthetic sequence"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 69 :
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Sequence 69 from Patent
AX465325
AX465325.1 GI:21899688
           Improved method for inserting BD234356 BD234356.1 GI:33044126 JP 2002532085-A/29.
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/mol_type="unassigned DNA"
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/db_xref="taxon:32630"
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Pred. No. 3.1e+02;
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AR084539
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AR053160/c
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Sequence
AR084539
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Unknown.
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Orr,H.T., Ranum,L.P.W., Chung,M.-y. and Zoghbi,H.Y.
Gene sequence for spinocerebellar ataxia type 1 and
                                                                                                                                                                                                                                                                                                                                                                                      AR053160
Sequence 66 from patent
AR053160
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1 (bases 1 to 32)
Romantchikov,Y
Unknown.
Unclassified.
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Improved method for inserting nucleic acid into cyclic vector
Patent: JP 2002532085-A 29 02-OCT-2002;
                                            AR084539.1
                                                                                                                                                                                                                                                                                                                              Unclassified.
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JP 2002532085-A/29
02-OCT-2002
17-DEC-1999 JP 2000588337
17-DEC-1998 US 09/213834
YURI ROMANTCHIKOV
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
                                                                                                                                                                                                                          /organism="unknown"
/mol_type="unassigned DNA"
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100.0%; Pred. No. 1.
ive 0; Mismatches
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Pred. No. 3.3e+02;
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AR084571/c
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AR084551
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Sequence 60:
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Sequence 40
AR084551
AR084551.1
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Matson,R.S., Coassin,P.J., Rampal,J.B.
Oligonucleotide repeat arrays
Patent: US 5981185-A 40 09-NOV-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matson,R.S., Coassin,P.J., Rampal,J.B.
Oligonucleotide repeat arrays
Patent: US 5981185-A 28 09-NOV-1999;
Location/Qualifiers
                                                                                                                                  1 (bases 1 to 21)
Matson,R.S., Coassin,P.J., Rampal,J.B.
Oligonucleotide repeat arrays
Patent: US 5981185-A 60 09-NOV-1999;
Location/Qualifiers
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/mol_type="unassion"
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                                                                                                  /organism="unknown"
/mol_type="unassigned DNA"
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AR084577
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AR084580
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Matson, R.S., Coassin, P.J., Rampal, J.B.
Oligonucleotide repeat arrays
Patent: US 5981185-A 69 09-NOV-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matson,R.S., Coassin,P.J., Rampal,J. Oligonucleotide repeat arrays Patent: US 5981185-A 66 09-NOV-1999; Location/Qualifiers
                     1 (bases 1 to 21)
Matson,R.S., Coassin,P.J., Rampal,J.B.
Oligonuclectide repeat arrays
Patent: US 5981185-A 87 09-NOV-1999;
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           Location/Qualifiers
                                                                                                                                                                                                                                                                                           /organism="unknown"
/mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         organism="unknown"
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Pred. No. 1.7e+02;
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Caskey, C. Thomas
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AX104588
                                                                                                                                                                     Patent: WO 0197843-A 240 27-DEC-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                               Sequence 240 from Patent AX355212
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 780 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
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                                                                                                   /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Synthetic oligonucleotide~phosphorothioate
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/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
                                                                                            backbone
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                                                     Score 21; DB 1; Pred. No. 1.7e+0
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Inhibition of angiogenesis by nucleic acids
Patent: WO 02053141-A 780 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
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Sequence 780 from Patent
AX547641
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AX472999
synthetic construct
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Similarity 100.0%; Pred. No. 1.7e+02;
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/mol_type="unassigned DNA"
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/noTe="Synthetic"
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Location/Qualifiers
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artificial sequences.
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Sequence 56 from Patent
AX825158
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                                                                                                  /note="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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Sequenz:Capture-Oligonukleotid"
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                         mod_base=OTHER
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/mod_base=OTHER;
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                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="synthetic construct"
/mol type="unassigned DNA"
/mb xref="taxon:32630"
/mb xref="taxon:32630"
/mb = "Beschreibung der kuenstlichen
/mb = "Beschreibung der kuenstlichen
                                                                                                                                                         /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
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/mod_base=OTHER
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/mod_base=OTHER
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Patent: WO 02068627-A 8 06-SEP-2002;
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O 02067861-A 18 06-SEP-2002;
Location/Qualifiers
                                                                                                                                                                                                          /mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              note="Viral vector sequence"
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1 (bases 1 to ;
Miller, J.E.
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Wahab, S.Z. and Malik, V.S.
Protein involved in nicotine synthesis, DNA encoding, and use of sense and antisense DNAs corresponding thereto to affect nicotine content in transgenic tobacco cells and plants
Patent: US 5668258-A 13 16-SEP-1997;
Location/Qualifiers
                                  1 (bases 1 to 30)
Garner,H.R., Wren,J.D., Minna,J.D. and
Polymorphic repeats in human genes
Patent: US 6472154-A 332 29-CCT-2002;
Location/Qualifiers
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                                                                                                           Unknown.
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/organism="unknown"
/mol_type="genomic
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/mol_type="genomic |
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Sequence 68 from Patent
AX440138
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Sequence 68 from Patent
AX196237
                                                                                                                                                                                                                                                      Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J., Elghanian, R., Taton, T.A., Park, S.J. and Li, Z. Nanoparticles having oligonucleotides attached thereto and uses
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Nanosphere, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                               Patent: WO 0173123-A 68 04-OCT-2001; Nanosphere, Inc. (US)
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                                                                                                                                          /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                           /note="random synthetic sequence"
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xref="taxon:32630"
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100.0%; Pred. No. 3.2e+02;
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Sequence 14 from patent US
I32124
I32124.1 GI:1822915
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Sequence 68 from Patent WO0218643.
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/db_xref="taxon:32630"
/note="random synthetic sequence"
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/mol_type="unassigned DNA"
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Bouma, S.R., Khalil, O.S.
Method for detection of
                                                        Brownlee, G.G. Fodor, E.S. and Poon, L.S. Attenuated influenza virus useful as vaccine Patent: WO 0109291-A 10 08-FEB-2001; ISIS INNOVATION LIMITED (GB)
                                                                                                                                                                                                                                                                                                                                                                                  Kurz,M., Lohse,P. and Wagner,R.
Peptide acceptor ligation methods
Patent: US 6429300-A 14 06-AUG-2002;
Location/Qualifiers
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Location/Qualifiers
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/mol_type="unassigned DNA"
organism="synthetic construct"
/mol_type="unassigned.DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned RNA"
                                              location/Qualifiers
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AX838502/c
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AX080523/c
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Patent: WO 03076654-A 2 18-SEP-2003;
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Sequence 2 from Patent WO03076654.
AX838502
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Method for identifying, quantifying and/or characterizing
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                                                                                             /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen Willkuerliche Sequenz"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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VERSION

DNA"

4e+02

DNA

linear

PAT 14-FEB-2001

Ach, R.A.

and Troll, M.A.

Length

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DB

Length

24;

Indels

0;

Gaps

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REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
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AR068465/c
LOCUS
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AUTHORS
TITLE
JOURNAL
FEATURES
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AUTHORS
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AR010037/c
LOCUS
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ORGANISM
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ORGANISM
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AR034772/c
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Sequence 50
AR010037
                                                                                                                                                                                                                                                                                                                                                                                                                                    AR034772
Sequence
AR034772
  l (bases 1 to 24)
1 (bases 1 to 24)
Dellinger, D.J., Dahm, S.C. and Troll, M.A.
Signal enhancement method and kit
Signal enhancement 1 29-DEC-1998;
Patent: US 5853993-A 1 29-DEC-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               J (bases 1 to 24)
Johnson, E.M. and Bergemann, A.D.
Cloning and expression of PUR protein
Patent: US 5756684-A 50 26-MAY-1998;
Location/Qualifiers
                                                                                                            AR068465
Sequence 1 from patent US
AR068465
AR068465.1 GI:6000672
                                                                                                                                                                                                                                             l Similarity
22; Conserv
                                                                                                                                                                                                                                                                                                                                  1 (bases 1 to 24)
Johnson, E.M. and Bergemann, A.D.
Monoclonal antibodies to the pur protein
Patent: US 5869622-A 50 09-FEB-1999;
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                                                                 Unclassified.
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/mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                     _type="unassigned DNA"
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Pred. No. 2.
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Pred. No. 2.4e+02;
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                     RESULT 173
BD234330
LOCUS
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AUTHORS
TITLE
JOURNAL
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ORGANISM
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AR105984/c
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AR107972/c
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Sequence 1
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Sequence
AR105984
                                                                                                                                                                                               1 (bases 1 to 24)
Dellinger, D.J., Dahm, S.C. and Troll, M.A.
Signal enhancement method and kit
Patent: US 6110682-A 1 29-AUG-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 (bases 1 to 24)
Dellinger,D.J., Dahm,S.C., Ilsley,D.D.,
Hybridization assay signal enhancement
Patent: US 6103474-A 7 15-AUG-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                      Unknown.
Unclassified.
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            method
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/mol_type="unassigned DNA"
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Pred. No. 2.4e
0; Mismatches
                                                                                                                               Score 20.8;
Pred. No. 2
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Pred. No. 2.4e+02;
0; Mismatches 2
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REFERENCE
AUTHORS
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RESULT 175
AR184443/c
LOCUS
DEFINITION
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AUTHORS
TITLE
JOURNAL
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124762/c
LOCUS
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AR184443
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124762
124762.1
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OS Art
OS Art
PN JP
PN 17-
PF 17-
PR 17-
PR 17-
PR 17-
PR C12-
PC C12-
PC C12-
PC C12-
PC C12-
PC C16-
PC C16
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1 (bases I to 24)
Johnson, E.M. and Bergmann, A.D.
Cloning and expression of pur protein
Patent: US 5545551-A 25 13-AUG-1996;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   synthetic construct synthetic construct
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JP 2002532085-A/3.
     Unknown.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unknown
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1 (bases 1 to 24)
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JP 2002532085-A/3
02-OCT-2002
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17-DEC-1998 US 09/213834
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                    GI:20230408
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                                                                                                   patent US
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Pred. No. 2.4e+02;
0; Mismatches 2
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Pred. No. 2.4e+02;
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AR213697/c
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AR213697
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Unknown.
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Patel, R. and Kurn, N.
Quantitative determination of nucleic acid
Patent: US 6365346-A 4 02-APR-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Real-time monitoring of PCR using LC Patent: US 6346384-A 11 12-FEB-2002; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unknown
                                                                                                                            1 (bases 1 to 24)
Singh, S. and Ullman, E.F.
Chemiluminescent compositions for use
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Unknown.
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Sequence 4 from patent US
AR202876
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22; Conserv
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larity 91.7%;
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                                                                                             US 6406667-A 4 18-JUN-2002;
Location/Qualifiers
                                                             /organism="unknown"
/mol_type="genomic |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /mol_type="unassigned DNA"
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                    Score 20.8; DB 1;
Pred. No. 2.4e+02;
0; Mismatches 2
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Pred. No. 2.4e+02;
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AR345020/c
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AR340571/c
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AR232949/c
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Sequence 1 from p
AR345020
AR345020.1 GI:33
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Sequence 1 1
AR232949
AR232949.1
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Sequence 4 from patent US
AR340571
AR340571.1 GI:33732217
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Quantitative determination of nucleic acid amplification products
Patent: US 6573054-A 4 03-JUN-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Front tube furrow opener attachment Patent: US 6457426-A 1 01-OCT-2002;
1 (bases 1 to 24)
Su,X., Dong,H. and Ryder,T.B.
Amplification of nucleic acid
                              Unknown.
Unclassified.
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                                                                                                                                                                                                                                          /organism="unknown"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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Pred. No. 2.4e+02;
0; Mismatches 2;
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Pred. No. 2.4e+02;
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AX104241
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Sequence 1 from
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Location/Qualifiers
                                                                                                                                                    Krieg, A.M., Schetter, C. and Vollmer, J.C. Immunostimulatory nucleic acids Patent: WO 0122972-A 433 05-APR-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent: US 6651008-A 1 18-NOV-2003;
Location/Qualifiers
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Vaisberg, E.A., Adams, C.L.,
Database system including
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                                                                                                                 Location/Qualifiers
                                                                     organism="synthetic construct"
|mol_type="unassigned DNA"
|db_xref="taxon:32630"
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Pred. No. 2.4e+02
0; Mismatches
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Pred. No. 2.4e+02
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Pred. No. 2.4e+02;
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22; Conserv
synthetic construct synthetic construct
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Real time monitoring of PCR using lo
Patent: WO 0173129-A 11 04-OCT-2001;
DADE BEHRING INC. (US)
                          Gene silencing using mrna-cdna hybrids patent: wO 0210374-A 12 07-FEB-2002; UNIVERSITY OF SOUTHERN CALIFORNIA (US)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent: WO 0197843-A 841 27-DEC-2001;
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Methods for enhancing antibody-induced cell
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/mol_type="unassigned DNA"
/db_xrefe"taxon:33630"
/mole="Synthetic oligonucleotide~phosphorothioate
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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  organism="synthetic construct"
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AX547294
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Location/Qualifiers
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/note="Poly(dT)24 primer"
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/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                   /note="Synthetic Sequence"
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Inhibition of angiogenesis by nucleic acids Patent: WO 02053141-A 961 11-JUL-2002; Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
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Sequence
AX547822
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Sequence 962 from Patent
AX547823
AX547823.1 GI:25812967
synthetic construct synthetic construct
                                                 AX684290 24 bp
Sequence 13 from Patent WO02059609
AX684290
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence
AX750585
                     Mack,D.H., Gish,K.C. and Afar,D. methods of diagnosis of breast cancer, compositions screening for modulators of breast cancer Patent: WO 02059377-A 140 01-AUG-2002; EOS Biotechnology, Inc. (US)
                                                                                          synthetic construct synthetic construct artificial sequences.
                                                                                                                                          Sequence 140 from Patent AX829247 AX829247.1 GI:39838972
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/noTe="T7-(dT)-24 primer"
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/db_xref="taxon:32630"
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Patel,R. and Kurn,N.
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         Improved method for inserting nucleic Patent: JP 2002532085-A 9 02-OCT-2002; YURI ROMANTCHIKOV
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Improved method for inserting
BD234336
BD234336.1 GI:33044106
JP 2002532085-A/9.
                                                                     artificial sequences.
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Location/Qualifiers
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17-FEB-1999 JP 2000532556
18-FEB-1998 US 09/025639
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AR080472.1 GI:10
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l Similarity 91.7%;
22; Conservative
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Sequence 1311 from Patent
AX116188
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1 (bases 1 to 32)
Spinella, D.G. and Sajjadi, F.G.
Method for analyzing quantitative expression
Patent: US 5968784-A 3 19-OCT-1999;
Location/Qualifiers
                                                                       Unknown
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C12N15/09, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12N15/00, C12N5/
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17-DEC-1999 JP 2000588337
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Pred. No. 2.5e+02;
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Pred. No. 2.5e+02;
0; Mismatches 2;
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5968784.
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WO0129262.
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Aminopeptidase Patent: WO 021

Visser,J.

Dekker, P.J.,

Schuurhuizen, P.

Schaap, P.J.

DSM N.V.

(NL

0216618-A

21 28-FEB-2002;

Location/Qualifiers
1. .24

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AX391871
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ACCESSION
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BD071096
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                                    synthetic construct synthetic construct
                                                                                Sequence 21 from AX391871
                                                                                                                                                                                                        l Similarity
25; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Method for analyzing
BD071096
BD071096.1 GI:226166
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Spinella, D.G. and Sajjadi, F.G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            unidentified
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Basten, D.,
                                                                      AX391871.1
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                        artificial sequences.
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11-SEP-2001
15-JAN-1998 JP 1998534607
15-JAN-1997 US 08/784208
DOMINIC G SPINELLA, FEREYDOUN G
C12Q1/68, C12N15/10
Strandedness: Single;
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llarity 78.1%;
Conservative
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Method for analyzing quantitative
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                           /organism='Unidentified'.
Location/Qualifiers
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Pred. No. 3.8e+02;
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AX249447
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Matches 23
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Best Local S
Matches 20
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                 7406 GCAACATCAGCAGCAGCAGCAGCAGC
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                  Sequence
AX249447
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AX248360
AX248360.1 GI:15862983
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                                                                                                                                                                         Cargill, M., Ireland, J.S. and Lander, E.S. Human single nucleotide polymorphisms Patent: WO 0166800-A 1526 13-SEP-2001, WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      . Similarity
20; Conserv
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                                                                                                                                                                                                                                                                                                                   AX249447.1 GI:15864070
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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llarity 95.2%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="RT reaction primer"
                                                                                                  organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 3.9e+02;
1; Mismatches 0;
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Pred. No. 2.6e+02;
1; Mismatches 1
                                                          Score 20.6; DB 1;
Pred. No. 3.9e+02;
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AR164336
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1 (bases 1 to 22)

Torrence, P.F., Silverman, R.H., Maitra, R.K. and Lesiak, K. Chimeric molecules targeted to viral RNAs Patent: US 6271369-A 19 07-AUG-2001;
                                                                                                                                                                                                                                                                                                                                        Unknown
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         Torrence, P., Silverman, R., Method of cleaving specific
                                                 Unknown
                                                                                                                                                                                                                                                                                      1 (bases 1 to 22)
Torrence, P., Silverman, R., Maitra, R. and Lo
Method of cleaving specific strands of RNA
Patent: US 5583032-A 19 10-DEC-1996;
                                                                                                                                                                                                                                                                                                                                                 Unknown
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ilarity 95.5%;
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/mol_type="unassigned DNA"
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S 5677289.
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S 6271369.
         Maitra,R. and Lesiak,K.
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RESULT 207
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OS Artificial See
PN JP 2002532063-
PD 02-CCT-2002
PF 06-CCT-1999 JE
PR 07-CCT-1998 CP
PI JERRY PELLETIE
PC C12N15/09,C12C
CC Description of
FH Key
FT source
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synthetic construct synthetic construct artificial sequences.

1 (bases 1 to 23)

1 (bases 1 to 23)

Method of electrochemically detecting nucleic acid Patent; JP 2002533386-A 16 02-OCT-2002;

FRIZ BIOCHEM GMBH
                                                                                                                  Method of electrochemically detecting nucleic acid. BD245230 BD245230.1 GI:33055000 BD245230.1 GI:33055000
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BD244857.1 GI:33054627
JP 2002532063-A/2.
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23 bp DNA linear Oligonucleotide primer capable of making the non-s
                                                                                                                                                                                BD245230
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           artificial sequences.
1 (bases 1 to 23)
Pelletier, J. and Das, M.
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C12N15/09,C12Q1/68,C12N15/00
Cescription of Artificial Sequence: synthetic oligonucleotide
Description Location/Qualifiers
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07-OCT-1998 CA 22466
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JP 2002532063-A/2
                                                                                                                                                                                                                                                                                                                                                                        /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism='Artificial Sequence'.
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Location/Qualifiers
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Pred. No. 2.4e+02;
0; Mismatches 1;
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Pred. No. 2.6e+02;
0; Mismatches 1
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PN JF 2002532386-A/16

PN JF 2002532386-A/16

PD 02-OCT-2002

PF 19-NOV-1999 JF 2000583928

PR 23-NOV-1999 JE 198 53 957.6,29-APR-1999 DE 199 21 940.0 PI

GERHARD HARTWICH, ADAM HELLER

PC C07H21/00,C07H21/02,C07H21/04,C12N15/09,C12Q1/68,G01N27/12,

PC C07H21/00,C07H21/02,C07H21/04,C12N15/09,C12Q1/68,G12N15/00,
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AR431312
          Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
Arabidopsis thaliana
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Eukaryota, Viridiplantae, Streptophyta; endicots;
Spermatophyta; Magnollophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
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BD056964
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G01N27/416,G01N27/48,G01N33/483,G01N33/50,G01N33/566,C12N15/00,
G01N27/46
                                                                                                                                                                                                                                                                                                                                                                                                                                     1 (bases 1 to 24)
Vaisberg, E.A., Adams, C.L.,
                                                                                JP 2001509271-A,
                                                                                             BD056964.1 GI:22602570
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Location/Qualifiers
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/mol_type="genomic DNA"
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/mol_type="genomic |
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Pred. No. 2.6e+02;
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Sets of labeled energy transfer fluorescent prim.
in multi component analysis
INCYTE PHARMACEUTICALS INC
PN JP 2001509271-A 1 10-JUL-2001;
INCYTE PHARMACEUTICALS INC
PN JP 2001509271-A/1
PD 10-JUL-2001
PF 12-DEC-1997 JP 199853*
PR 15-JAN-1997 US
PI JINGYUE JU
PC GG1N21/78 ~
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A45776
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1 (bases 1 to 26)

Shyamala, V. and Olson, P. Tekamp.

Endothelin B.sub.1, (ETB.sub.1) receptor polypeptide encoding nucleic acid methods, and uses thereof Patent: US 5773223-A 3 30-JUN-1998;

Location/Qualifiers
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                                             unidentified unclassified.
                                                                                                    Sequence 14 from Patent WO9520046. A45776
1 (bases 1 to 30)
Peyret, P., Alric,M. and Perez,P.
PLANT ACONITASES AND NUCLEIC ACIDS C
PLANT ACONITASES AND NUCLEIC ACIDS C
Patent: WO 9520046-A 14 27-JUL-1995,
                                                                                           A45776.1
                                                                                                                                                                                                                                                                                                                                                                               Unclassified
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ilarity 95.5%;
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/mol_type="unassigned DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:3702"
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Pred. No. 3.
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Other publication FR 2715404 950728
Location/Qualifiers
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                                                                                                                                         Patent: CA 1306208-A 6 11-AUG-1992;
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/mol_type="unassigned DNA"
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/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 5559 from Patent
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Primers for identifying typing or classifying nucleic acids
Patent: WO 0065088-A 323 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="reaxon.32630"
/noTe="168 rRNA Homozygote Primer Sequence"
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                1 (bases 1 to 29)

Kool, E.T.

Circular DNA vectors for synthesis
Patent: US 6368802-A 6 09-APR-2002;

Location/Qualifiers
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Kool, E.T.
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/mol_type="unassigned DNA"
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M Unknown.

Unclassified.

1 (bases 1 to 20)

E 1 (bases 1 to 20)

S Cros, P., Kurfurst, R., Battail, N. and Piga, N.

Process and device for assaying a hapten

AL Patent: US 5849480-A 5 15-DEC-1998;

Location/Qualifiers

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AR080000
AR080000.1
                                                              AR085926
Sequence
AR085926
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Patent: US 5968524-A 83 19-OCT-1999,
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unclassion (Dases 1 to 20)
1 (bases 1 to 20)
Watson, J.D. and Tan, P.L.J.
Watson, J.D. and compounds for the treatment
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Sequence 5 from patent
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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                                          GI:10012692
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0; Mismatches 3;
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o. 2.4e+02;
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5. 2.4e+02;
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SOURCE
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AUTHORS
TITLE
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ORGANISM
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AR093312/c
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AR087520
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Best Local Similarity
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AR093312
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Pitsch, S., Weiss, P.A. and Jenny, L.
Ribonucleoside derivative and method
Patent: US 5986084-A 1 16-NOV-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                           20;
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Sequence 1 from
AR087520
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Tan,P., Skinner,M. and Prestidge,R.
Compounds and methods for treatment
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unknown.
                                                                                                 1 (bases 1 to 20)
Tan, P., Hiyama, J., Visser, E., Skinner, M.,
Mycobacterium vaccae antigens
Patent: US 6001361-A 83 14-DEC-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent: US 5985287-A 83 16-NOV-1999;
Location/Qualifiers
                                                                                                                                                                  Unknown.
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                                                                /organism="unknown"
/mol_type="unassigned DNA"
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                                 Score 20;
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                                                                                                                                     Scott, L.
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AR118970
LOCUS
 REFERENCE
AUTHORS
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AR123335/c
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AR121692/c
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ORGANISM
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Sequence 83
AR121692
AR121692.1
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Sequence
AR118970
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Uchida, K., Uchida, T., Tanaka, Y., Matsuda, Y.
Antisense nucleic acid compound targeted to
Patent: US 6150092-A 96 21-NOV-2000;
Location/Qualifiers
                                                         AR123335
Sequence 1 from patent US
AR123335
AR123335.1 GI:14108301
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 l Similarity
20; Conserv
1 (bases 1 to 20)
Bruice, T.C. and Dev, A.P.
                                                                                                                                                                                                                                              Patent: US 6160093-A 83 12-DEC-2000;
Location/Qualifiers
                           Unknown
                                                                                                                                                                                                                                                                            Visser, E. Compounds and methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unknown
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                    Unclassified.
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/mol_type="unassigned DNA"
                                                                                                                                                                                                                /organism="unknown"
/mol_type="unassigned DNA"
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Pred. No.
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Pred. No. 2.4e+02;
0; Mismatches 0;
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6169176.
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AR154115
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4464 TTTTTTTTTTTTTTTTT 4483
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Sequence
AR154115
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Huang, Z. and Szostak, J.W.
Simple and efficient meth
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Manoharan, M. and Maier, M.A.
Manoharan, B. processes and intermediates
backbone oligomeric compounds
Patent: US 6207819-A 1 27-MAR-2001;
Location/Qualifiers
                                                                                                                  Patent: US 6238865-A 14 29-MAY-2001;
Location/Qualifiers
                                                                                                                                                         Simple and efficient method to label using DNA polymerase and a synthetic
                                                                                                                                                                                                                             Unknown.
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AR141070
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Location/Qualifiers
                                                                                                                                                                                                                                        Unknown.
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                                      Similarity
                          Conservative
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                                                                              /organism="unknown"
/mol_type="unassign
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             organism="unknown"
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100.0%; Pr
                                                                            _type="unassigned DNA"
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                                      Score 20; DB 1;
Pred. No. 2.4e+02
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E12676
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AR164658/c
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  4464 TTTTTTTTTTTTTTTTTT 4483
                                                                                                                                            Mizuguchi, M., Kurosaki, N., Makino, K., Koya
Mizuguchi, M., Kurosaki, N., Makino, K., Koya
ANTI-HTLV-I ANTI-SENSE OLIGONUCLEOTIDE
Patent: JP 1997052898-A 10 25-FEB-1997;
SOYAKU GIJUTSU KENKYUSHO:KK
OS None
OC Artificial sequences.
PN JP 1997052898-A/10
PD 25-FEB-1997
PF 09-AUG-1995 JP 1995224606
PI MIZUGUCHI MASATSUGU, KUROSAKI NAOKO,
KOYANAGI YOSHIO,
PI YAMAMOTO NAOKI
PC COTH21/04/JAGIKN1/70;
CC strandedness: Single;
CC typology: Linear;
CC hypothetical: No;
CC anti-sense: Yes;
FH Key Location/Qualifiers
FT source /organism='Artificial
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Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          unidentified
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llarity 100.0%;
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MIZUGUCHI MASATSUGU, KUROSAKI NAOKO,
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                                                                                                                                /organism='Artificial sequences'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="unknown"
/mol_type="unassigned DNA"
                                                                             /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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;; Pred. No. 2.4e+02;
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AR213738/c
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Unknown.
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Unclassified.
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AR213738
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Sequence
136180
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Sequence 26 from patent US
AR222466
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Unclassified.

1 (bases 1 to 20)

Heller, M.J. and Tu, E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unknown.
                                                                                                                                                                                                                                                         Patent: US 6406704-A 83 18-JUN-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                         1 (bases 1 to 20)
Tan, P., Visser, E., Proceedings and methods
                                                                                                                                                                                                                                                                                                                         Unclassified.
                                                                                                                                                                                                                                                                                                                                  Unknown.
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                                                                                                                                                                                                                           /organism="unknown"
/mol_type="genomic |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="unknown"
/mol_type="unassigned DNA"
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                                                       GI:23329997
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ods for treatment and diagnosis of mycobacterial
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RESULT 235
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Sequence 55
AR274394
AR274394.1
                                      l Similarity
20; Conserv
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Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,
Elghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides attached thereto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Compounds, processes and intermediates backbone oligomeric compounds Patent: US 6462184-A 1 08-OCT-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1 from patent US AR236083
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Kurz,M., Lohse,P. and Wagner,R. Peptide acceptor ligation methods Patent: US 6429300-A 26 06-AUG-2002;
                                                                                                                        Patent: US 6506564-A 55 14-JAN-2003;
Location/Qualifiers
                                                                                                                                                                                                             Unclassified
                                                                                                                                                                                                                           Unknown.
                                                                                                                                                                                                                                       Unknown.
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Manoharan, M. and Maier, M.A.
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larity 100.0%; Pred. No.
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/mol_type="genomic DNA"
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                                                                                   /organism="unknown"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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tive 0; Mismatches
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100.0%; Pred. No.
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6462184.
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AR343047
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AR365970/c
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AR344936/c
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Sequence
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                                                                                                                                                                                                                                                                                                                         Unclassified.

1 (bases 1 to 20)
Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,
Blghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides attached thereto
Unclassified.
1 (bases 1 to 20)
Watson, J.D., Tan, P.L.J.
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Manoharan,M., Lonnberg,H., Salo,H. and Virta,P.
Aminooxy functionalized oligomers
Patent: US 6576752-A 10 10-JUN-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                           Patent: US 6582921-A 55 24-JUN-2003;
Location/Qualifiers
                                      Unknown
                                                Unknown
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/mol_type="genomic DNA"
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/mol_type="genomic |
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AR429653/c
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AR382312/c
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Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,
Elghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides attached thereto
                                                                                                                                                                                                                                                      Sequence 55 from patent AR429653 AR429653.1 GI:40189949
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1 (bases 1 to 20)
Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J., Elghanian,R. and Taton,T.A.
Ranoparticles having oligonucleotides attached thereto
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AR382312
                         . Similarity
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Location/Qualifiers
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llarity 100.0%; Pr
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Location/Qualifiers
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Location/Qualifiers
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/mol_type="genomic DNA"
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AX004876
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Sequence 5 from Patent WO9910527,
AXO04876
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CPG Immunopharmaceuticals GmbH (DE) ; UNIVERSITY OF IOWA RESEARCH
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                 /note="modified with digoxigenin"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="synthetic oligonucleotide"
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AX045787
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                                        Sequence 226 from Patent AX104034
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/mol_type="unassigned DNA"

/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 226 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
                                              Krieg, A.M., Schetter, C. and Vollmer, J. C
Immunostimulatory nucleic acids
Patent: Wo 0123972-A 560 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION
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Sequence 560 from Patent
AX104368
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/mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                                                           Sequence 70
AX196239
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/db_xref="taxon:32630"
                                                       /organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="taxon:32630"
/note="random synthetic sequence"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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AX355810
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AX354974
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UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
Location/Qualifiers
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Methods for enhancing antibody-induced cell lysis and treating
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/mol_type="unassigned DNA"
/mb._type="unassigned DNA"
/mb._refe"synthetic oligonucleotide-phosphorothioate
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 55
AX440125
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Nanoparticles having oligonucleotides attached thereto and uses
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AX355811
AX355811.1 GI:18620479
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Nanosphere, Inc. (US)
Location/Qualifiers
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/mol_type="unassigned DNA"

/db_xref="taxon:32630"
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AX465311/c
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Sequence 55 from Patent WO0218643.
AX465311
                                                               Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J., Elghanian, R., Taton, T.A., Garimella, V., Li, Z. and Park, S.J. Nanoparticles having oligonucleotides attached thereto and
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                Nanosphere,
                               Patent: WO 0218643-A 70 07-MAR-2002;
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Sequence 556 from Patent
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Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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AX556139/c
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AX556124/c
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Similarity 100.0%; Pred. No.
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/db_xref="taxon:32630"
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Location/Qualifiers
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The University of Houston System (US)
Location/Qualifiers
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AX664307
Willson,R.C. and Murphy,J.C. Nucleic acid separation using immobilized metal affinity
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                        /note="Synthetic Oligonucleotide Sequence"
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                                          Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F. Methods, kits and compositions pertaining to the sujuletectable probe binding to randomly distributed rein genomic nucleic acid patent: WO 03027328-A 26 03-APR-2003; Boston Probes, Inc. (US); DakoCytomation Denmark A
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Methods, kits and compositions pertaining to the suppression of
detectable probe binding to randomly distributed repeat sequences
in genomic nucleic acid
Patent: WO 03027328-A 14 03-APR-2003;
Boston Probes, Inc. (198); DakoCytomation Denmark A/S (DK)
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Patent: WO 0246398-A 6 13-JUN-2002;
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/mol_type="unassigned DNA"
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/noFe="Description of Combined DNA/RNA Molecule:Synthetic
organism="synthetic construct"
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GENESIS RESEARCH & DEVELOPMENT CO LTD
OS Unidentified
PN JP 2001503969-A/26
PD 27-MAR-2001
PF 28-AUG-1997 JP 1998511516
PR PAUL TAN, JUN HIYAMA, ELIZABETH S VISSE
LINDA M SCOTT,
PI PROSS L PRESTIDGE
PC A61K39/04,A61K35/74,C07K14/35,C12N15/
CC Strandedness: Single;
CC Topology: Linear;
CC Topology: Linear;
FT Source /organism='Unidentifiers
FT Source /organism='Unidentifiers
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1 (bases 1 to 20)

Tan,P., Hiyama,J., Visser,E.S., Skinner,M.A., Scott,L.M. and Prestidge,R.L.

Compounds and methods for treatment and diagnosis of Mycobac
artificial sequences.
1 (bases 1 to 20)
Pitsch, S., Weiss, P.A. and Jenny, L.
                                        BD080522.1 GI:22626125
JP 2001515087-A/1.
synthetic construct
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JP 2001503969-A/26.
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A61K39/04,A61K35/74,C07K14/35,C12N15/63
Strandedness: Single;
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/note="Description of Combined DNA/RNA Molecule:Synthetic
Oligomer Sequence-Synthetic Probe Sequence"
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BD218101
Compositions
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PN JP 2002034599-A/9
PD 05-FEB-2002
PF 26-JUL-2000 JP 2000225354
PI MASAYA SEGAWA, HIROSHI TAKARADA, TOSHIYA AONO, SATOKO
C12Q1/68, C12N15/09, C12N15/00
CC Description of Artificial Sequence: primer
FH Key Location/Qualifiers
FT Source /organism='Artificial Sequence'.
FT /organism='Artificial Sequence'.
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Method of
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JP 2002034599-A/9
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/mol_type="genomic RNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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/mol_type="genomic DNA"
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GENESIS RESEARCH AND DEVELOPMENT CORP LTD

SERVESIS RESEARCH AND DEVELOPMENT CORP LTD

Artificial Sequence
PN JP 2002514385-A/26

PD 21-MAY-2002
PP 23-DEC-1998 UP 2000525553
PR 23-DEC-1997 US 08/997362,23-DEC-1997 US 09/95855 PR

23-DEC-1997 US 08/996624,11-JUN-1998 US 09/205426 PI
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PC C12N15/09,A61X31/711,A61X39/04,A61X48/00,A61P11/00,A61P11/00,PC

A61P17/00,
PC A61P17/00,
PC A61P17/00, A61P31/00,A61P31/06,A61P37/04,C07K14/35,C07K16/12,PC
PC C12N1/19,C12N1/21,C12N5/10,C12P21/08,C12Q1/02,G01N33/569,PC

G01N33/68/
PC (C12N15/09,C12R1:32),C12N15/00,C12N5/00,C12R1:32)
PC (C12N15/09,C12R1:32),C12N15/00,C12N5/00,C12N15/00,C12R1:32)
PC (C12N15/09,C12R1:32),C12N15/00,C12N15/00,C12R1:32)
PC (C12N15/09,C12R1:32),C12N15/00,C12N15/00,C12R1:32)
PC Wade in a lab

Location/Qualifiers

FT Source

//Organism='Artificial Sequence'.
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Watson,M.A. and Fleming,T.P.
Manmaglobin, a mammary-specific breast cancer protein
Patent: US 5968754-A 13 19-OCT-1999;
Location/Qualifiers
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1 (bases 1 to 20)

Tan, P., Watson, J., Visser, E.S., Skinner, M.A. and Prestid, R. Compositions derived from mycobacterium vaccae and methods
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BD218101.1 GI:33027871
JP 2002514385-A/26.
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AR080294
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C12N1/19,C12N1/21,C12N5/10,C12P21/08,C12Q1/02,G01N33/569,
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A61P17/06,A61P31/00,A61P31/06,A61P37/04,C07K14/35,C07K16/12,
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Location/Qualifiers
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/mol_type="genomic DNA"
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ive 0; Mismatches 0;
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AR084524
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Sequence
AR084521
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AR093143
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                                                                                                                                                                                                                                                                                                              1 (bases 1 to 21)
Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
Oligonucleotide repeat arrays
Patent: US 5981185-A 13 09-NOV-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 21)
Matson, R.S., Coassin, P.J., Rampal, J. oligonucleotide repeat arrays
Patent: US 5981185-A 10 09-NOV-1999;
Location/Qualifiers
1 (bases 1 to 21)
Bergan,R. and Neckers,L.
Inhibition of protein kinase activity
oligonucleotides
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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100.0%; Pred. No.
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AR095412
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Sequence 13
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Sequence
AR153849
                                                                                                                                                      Unclassified.

1 (bases 1 to 21)

1 (bases 1 to 21)

Heller, M.J., Tu.B., Evans, G.A. and Sosnowski, R.G. Methods for transport in molecular biological ana
                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 21)
Watson,M.A. and Fleming,T.P.
Method for detecting the presence of breast
increase in mammaglobin mRNA expression
Patent: US 6004756-A 13 21-DEC-1999;
Location/Qualifiers
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                                                                                      /organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                           S 6238624-A 2 29-MAY-2001;
Location/Qualifiers
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/mol_type="unassigned DNA"
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I36166
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AR322245
1 (bases 1 to 21)
Watson,M.A. and Fleming,T.P.
Mammaglobin, a secreted mammary-specific breast cancer protein
Patent: US 6566072-A 13 20-MAY-2003;
Location/Qualifiers
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                                                                      Unknown
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Watson, M.A. and Fleming, T.P.
Polynucleotides encoding mammaglobin,
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Location/Qualifiers
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Heller, M.J. and Tu, E.
                                                          Unclassified
                                                                                                         AR322245.1
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Location/Qualifiers
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/mol_type="unassigned DNA"
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                                                                                                                                                          Patent: WO 0197843-A 840 27-DEC-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION
Location/Qualifiers
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Methods for enhancing antibody-induced cell lysis and treating
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
                                                                                backbone"
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mol_type="unassigned DNA"

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/note="LNA-T (Locked Nucleic Acid)"
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/mod_base=OTHER
                                                                                                                                                                                    /bound_moiety="Biotin"
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/db_xref="taxon:32630"
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                                        note="LNA-T (Locked
                                                                              note="LNA-T (Locked Nucleic Acid)"
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Bratzler,R.L.
Inhibition of angiogenesis by nucleic acids
Patent: WO 02053141-A 912 11-UUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
29 from Patent W003072818.
                                                                                                                                                                                                        /note="Synthetic Sequence"
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                                                                                                                                                                                                                                                    organism="synthetic construct"
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DEFINITION
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Sequence 32 from Patent WO03072818.
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/mod_base=OTHER
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/mol_type="unassigned DNA"
/mb xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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Sequence 53 from Patent
AX825155
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Sequenz:Capture-Oligonukleotid"
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db_xref="taxon:32630"
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Sequence 54 from Patent
AX825156
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/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
sequenz:Capture-Oligonukleotid"
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synthetic construct
                                       Bookenkamp,D., Dieck,T.H. and Hoppe,H.U. Method for sorting single-stranded nucle Patent: WO 03072818-A 61 04-SEP-2003; Degussa Bioactives GmbH (DE)
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                           Location/Qualifiers
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/mod_base=OTHER
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/mod_base=OTHER
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     organism="synthetic construct"

[mol_type="unassigned DNA"]
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100.0%; Pred. No. 2.6
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PAT 11-DEC-2003

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RESULT 289
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AX825165
AX825165.1 GI:39750894
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/db_xref="texon:32630"
/note="Beschreibung der kuenstlichen
sequenz:Capture-Oligonukleotid"
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/mod_base=OTHER
/mod_base=OTHER
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                                                                                note="LNA-T (Locked Nucleic Acid)"
mod_base=OTHER
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mod_base=OTHER
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                                       mod_base=OTHER
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100.0%; Pred. No.
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RESULT 291
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                                          Mammaglobin, a secreted BD080832
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synthetic construct
artificial sequences.
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              BD080832.1 GI:22626435
JP 2001516569-A/10.
                                                                      BD080832
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FEATURES

21 bp mammary

specific breast cancer protein

linear

PAT 27-AUG-2002

REFERENCE AUTHORS TITLE JOURNAL

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Sequence 64 from Patent
AX825166
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequenz:Capture-Oligonukleotid"
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mod_base=OTHER
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2.6e+02;
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Patent: JP 2001516569-A 10 02-OCT-2001;

WASHINGTON UNIVERSITY

OS Unidentified

PM JP 2001516569-A/10

PD 02-OCT-2001

PF 18-SEP-1998 JP 2000511779

PR 18-SEP-1997 US 08/933149

PR 18-SEP-1997 US 08/933149

PR ARTS A WATSON, TIMOTHY P FLEMING

PC C12N15/00, A61K35/26, A61K39/00, A61K39/00, A61K39/395, A61K39/00, PC

C12N15/00, PC

COTK14/47,C12N15/00

CC Strandedness: Single;

CC Mammaglobin, a secreted mammary specific breast cancer protein

FH Key Linear;

CC Mammaglobin, a secreted mammary specific breast cancer protein

FT source 1.21

/organism='Unidentified'.
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OS Ařtíf
PN JP 20
PD 11-DE
PF 01-DE
PF 05-DE
PF 05-DE
PF RONAL
PI MICHA
PC C1201
CC Descr
CC Drovi
CC provi
CC secon
FH Key
FT sourc
                                                                                                                                                                                                                                                                                                      Self-assembling microelectronic integration system capable of designating self address, compartment device, mechanism, method and operation for molecular biological analysis and diagnosis Patent: JP 2001525193-A 2 11-DEC-2001; NANOGEN INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         BD087491
21 bp DNA linear PAT 27-AUG-2002 Self-assembling microelectronic integration system capable of designating self address, compartment device, mechanism, method and operation for molecular biological analysis and diagnosis.

BD087491
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Watson, M.A. and Fleming, T.P.
                                                                                                                                                                                                                                                                                                                                                                                                                1 (bases 1 to 21)
Sosnowski,R.G., Butler,W.F., Tu,E., Nerenberg,M.I., Heller,M.J. and
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                                                     provide ribonucleic acid base for reduced
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05-DEC-1997 US 08/986065
RONALD G SOSNOWSKI,WILLIAM F BUTLER,EUGENE
                                                                                                                                                                                                                                               Artificial Sequence
JP 2001525193-A/2
11-DEC-2001
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18-SEP-1997 US 08/933149
18-SEP-1997 US 18/933149
MARK A WATSON THOOTHY P TLEMING
C12N15/09, A61K35/26, A61K39/00, A61K39/00, A61K39/395, A61K39/395,
                                                                                                                                 MICHAEL J HELLER, CARL F EDMAN C12Q1/68, C12N15/09, C12N15/00
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 Bource
                                     secondary
                                                                                                           Description of Artificial Sequence: Synthesized with
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 2.6e+02;
0; Mismatches 0;
 Location/Qualifiers
1. .21
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                                                                         reactivity; Poly A sequence
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AR261539/c
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1 (bases 1 to 24)
1 (bases 1 to 24)
Chetverin,A.B. and Kramer,F.R.
Oligonucleotide arrays and their use for sorting, isolating,
Sequencing, and manipulating nucleic acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  artificial sequences.

1 (bases 1 to 21)

Watson,M.A. and Fleming,T.P.

Watson,breast cancer secretory protein specific to mamma patent: JP 2002525098-A 10 13-AUG-2002;

WASHINGTON UNIVERSITY
                                                                      Unknown
                                                                              Unknown.
                                                                                                      AR261539.1
                                                                                                                   Sequence 6 from AR261539
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synthetic construct
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BD224108
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                                                        Unclassified.
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20; Conservative
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29-SEP-1999 JP 2000572241
29-SEP-1998 US 09/162622
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                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                  Description of Artificial Sequence:Synthetic 
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon;32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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AX326795/c
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1 (bases 1 to 24)
Cohen, D., Blumenfeld, M., Chumakov, I. and Bougueleret, L.

Prostatic cancer gene
Patent: JP 2002516657-A 8 11-JUN-2002;
GENSET
                                                                                                            Sequence
AX326795
                                                                                                                                                                                                                                                                                                                                                                                  C12NI/19,

PC C12NI/21,C12N5/10,C12N5/10,C12P21/08,C12Q1/68,G01N33/50 PC

C12N15/00,C12N15/00,

PC C12N5/00,C12N15/00

PC C12N5/00,C12N15/00

CC primer oligonucleotide PGRT32

CC primer oligonucleotide PGRT32

EH Key Location/Qualifiers

FT misc_binding 1, 24.
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PR 22-DEC-1997 US 08/996306,09-SEP-1998 US 60/099658 PI
DANIEL COHEM,MARTA BLUMENFELD,ILYA CHUMAKOV,LYDIE BOUGUELERET PC
C12N15/09,C12N15/09,A01K67/027,C07K14/47,C07K16/18,C12N1/15, PC
                                                     synthetic construct synthetic construct
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Zauderer,M. and Smith,E.S.
Methods of producing a library and methods of selecting
                                                                                               AX326795.1
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                                        artificial sequences.
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JP 2002516657-A/8
11-JUN-2002
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                                                                                                                         56
                                                                                                                                                                                                                                                                                                             /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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                                                                                               GI:18097512
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100.0%; Pred. No. 3.3e+02;
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Query Match
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AX598260
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                                                                          Zauderer,M. and Smith,E.S.
In vitro methods of producing and identifying molecules in eukaryotic cells
Patent: WO 0210285-A 102 27-DEC-2002;
UNIVERSITY OF ROCHESTER (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                AX658978 29 bp I
Sequence 102 from Patent WO02102855.
AX658978
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Patent: WO 0172995-A 56 04-OCT-2001;
UNIVERSITY OF ROCHESTER (US)
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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Pred. No. 4.5e+02;
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Pred. No. 4.5e+02;
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Sequence 2 from Patent EP0780479.
A79651
A79651.1 GI:6092605
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1 (bases 1 to 30)
Fritton, H.D. and Hinzpeter, M.D.
METHOD FOR QUANTITATIVE DETERMINATION OF SPECIFIC NUCLEIC ACID
                                    unidentified unclassified
                                                                unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Szalai,C
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Szalai,C., Toth,S. and Falus,A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens (human)
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                              /gene="gp130"
/number=15
                                                                                                                                                                                                                                                                                                                                 number=14
                                                                                                                                                                                                                                                                                                                                            gene="gp130"
note="splice acceptor"
                                                                                                                                                                                                                                                                                                                                                                                 gene="gp130"
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RESULT 302
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Sequence 23
AR242448
AR242448.1
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Patent: EP 0780479-A 2 25-JUN-1997;
BOEHRINGER MANNHEIM GMBH (DE)
Location/Qualifiers
                                                                                                                                                                                                                                                         Sequence
AR264920
                                                                                                                1 (bases 1 to 30)

Kurane, R., Kanagawa, T., Kamagata, Y., Kurata, S., Yamada, K., Yokomaku, T., Koyama, O. and Furusho, K.

Method for determining a concentration of target nucleic acid molecules, nucleic acid probes for the method, and method for analyzing data obtained by the method

Patent: US 6492121_A 4 10-DEC-2002;
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Imamura,T., Maeda,H., Fujiyasu,T., I
Feline cytokine protein
Patent: US 6472509-A 23 29-OCT-2002;
Location/Qualifiers
                                                                                                                                                                                                             Unknown
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                 /organism="unknown"
/mol_type="genomic DNA"
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Kurane, R., Kanagawa, T., Kamagata, Y., Kura Yokomaku, T., Koyama, O. and Furusho, K. Method for determining a concentration of molecules, nucleic acid probes for the me analyzing data obtained by the method patent: US 6492121-A 5 10-DEC-2002;

Location/Qualifiers
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Sequence 7
AR264923
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Kurane,R., Kanagawa,T., Kamagata,Y., Kurata,S., Yamada,K.,

Yokomaku,T., Koyama,O. and Furusho,K.

Method for determining a concentration of target nucleic acid
molecules, nucleic acid probes for the method, and method for
analyzing data obtained by the method
Patent: US 6492121-A 6 10-DEC-2002;
Location/Qualifiers
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AR264921
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Sequence 8
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Unknown.
1 (bases 1 to 30)

Kurane, R., Kanagawa, T., Kamagata, Y., Kurata, S., Yamada, K., Yokomaku, T., Koyama, O. and Furusho, K.

Method for determining a concentration of target nucleic acid molecules, nucleic acid probes for the method, and method for analyzing data obtained by the method patent: US 6492121-A 9 10-DEC-2002;

Location/Qualifiers
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I (bases 1 to 30)

Kurane, R., Kanagawa, T., Kamagata, Y., Kurata, S., Yamada, K., Yokomaku, T., Koyama, O. and Furusho, K.

Method for determining a concentration of target nucleic acid molecules, nucleic acid probes for the method, and method for analyzing data obtained by the method patent: US 6492121-A 7 10-DEC-2002;

Location/Qualifiers
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Kurane, R., Kanagawa, T., Kamagata, Y., Kurata, S., Yamada, K., Yokomaku, T., Koyama, O. and Furusho, K.
Yokomaku, T., Koyama, O. and Furusho, K.
Method for determining a concentration of target nucleic acid molecules, nucleic acid probes for the method, and method for analyzing data obtained by the method patent: US 6492121-A 8 10-DEC-2002;
                                                                                                                                                                                                                                 . 4.7e+02;
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Best Local Similarity 82.1%;
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1 (bases 1 to 30)

Kurane, R., Kanagawa, T., Kamagata, Y., Kurata, S., Yamada, K.,

Kurane, R., Kanagawa, T., Kamagata, Y., Kurata, S., Yamada, K.,

Yokomaku, T., Koyama, O. and Furusho, K.

Method for determining a concentration of target nucleic acid
molecules, nucleic acid probes for the method, and method for
analyzing data obtained by the method
Patent: US 6492121-A 10 10-DEC-2002;

Location/Qualifiers
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AR264926
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Kurane,R., Kanagawa,T., Kamagata,Y., Kurata,S., Yamada,K.,
Yokomaku,T., Koyama,O. and Furusho,K.

Method for determining a concentration of target nucleic acid
molecules, nucleic acid probes for the method, and method for
analyzing data obtained by the method
patent: US 6492121-A 11 10-DEC-2002;
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/mol_type="genomic DNA"
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/mol_type="genomic |
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AR264928
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AR264929
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Kurane, R., Kanagawa, T., Kamagata, Y., Kurata, S., Yamada, K., Yokomaku, T., Koyama, O. and Furusho, K.
Method for determining a concentration of target nucleic acid molecules, nucleic acid probes for the method, and method for analyzing data obtained by the method
Patent: US 6492121-A 13 10-DEC-2002;
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Kurane,R., Kanagawa,T., Kamagata,Y., Kurata,S., Yamada,K., Yokomaku,T., Koyama,O. and Purusho,K.

Method for determining a concentration of target nucleic acid molecules, nucleic acid probes for the method, and method for analyzing data obtained by the method Patent: US 6492121-A 12 10-DEC-2002;
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/mol_type="genomic
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Pred. No. 4.7e+02;
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AR322431
                                                                                                                                                                    Legrain, P., Rain, J.C., Colland, F., de Reuse, H. and Labigne, A. Protein-protein interactions in Helicobacter pylori Patent: WO 02066501-A 4330 29-AUG-2002; Hybrigenics (FR); INSTITUT PASTEUR (FR)
Location/Qualifiers
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I (mamura, T., Maeda, H., Fujiyasu, T., In Feline cytokine protein patent: US 6518045-A 311-FEB-2003;
                                                                                                                                                                                                                                                                                 Helicobacter pylori
Helicobacter pylori
Bacteria; Proteobacteria; Epsilonproteobacteria;
Helicobacteraceae; Helicobacter.
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Imamura, T., Maeda, H., Fujiyasu, T., In
Feline cyrokine protein
Patent: US 6566097-A 23 20-MAY-2003;
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                                                                                             /organism="Helicobacter pylori"
/mol_type="unassigned DNA"
/db_xref="taxon:210"
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/mol_type="mRNA"
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El (Dases 1 to 30)

Kurane,R., Kanekawa,T., Kamagata,Y., Kurata,S., Yamada,K.,
Yokomaku,T., Koyama,O. and Furusho,K.
Yokomaku,T., Koyama,O. and Furusho,K.
Method for assaying nucleic acid, nucleic acid probe used therefor and method for analyzing data obtained by that method and method for analyzing data obtained by that method and method for analyzing data obtained by that method and ministry association,Kankyo eng KK, Director General of Patent: JP 2001286300-A 3 16-OCT-2001;

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND MINISTRY OF NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND MINISTRY OF AGRICULTURE FORESTRY AND FISHERIES, TECHNOLOGY
OS ALTIFICIAL Sequence
PN JP 2001286300-A/3
PP 2001286300-A/3
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BD072866.1 GI:22618469
JP 2001286300-A/4.
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C C12Q1/68, C12M1/00, C12N15/09, G01N31/22, G01N33/53, G01N33/542, E
G01N33/566,
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Best Local Similarity 82.1%;
Matches 23; Conservative
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                                                      JAPAN BIO INDUSTRY ASSOCIATION, KANKYO ENG KK, DIRECTOR NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND MATICULTURE FORESTRY AND PISHERIES, TECHNOLOGY

OS Artificial Sequence
PI 07 2001286300-A/5
PD 16-OCT-2001
PF 20-APR-2000 JP 2000120097
PF 20-APR-2000 JP 2000120097
PI RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAMAGATA
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OS Artificial Sequence
PN JP 2001286300-A/4
PD 16-OCT-2001
PF 20-APR-2000 JP 2000120097
PF 20-APR-2000 JP AKAHIRO KANEKAWA, YOICHI
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Yokomaku,T., Koyama,O. and Furusho,K.

Method for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method and method for analyzing data obtained by that method patent: JP 2001286300-A 4 16-0CT-2001;

JAPAN BIO INDUSTRY ASSOCIATION, KANKYO ENG KK, DIRECTOR GENERAL OF JAPAN BIO INDUSTRY ASSOCIATION, KANKYO ENG KK, DIRECTOR GENERAL OF JAPAN BIO INDUSTRIAL SCIENCE AND MINISTRY OF
                                                                                                                                                                                                            Kurane,R., Kanekawa,T., Kamagata,Y., Kurata,S., Yamada,K., Yokomaku,T., Koyama,O. and Purusho,K.
Method for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method Patent: JP 2001286300-A 5 16-OCT-2001;
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KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU, OSAMU KOYAMA, KENTA FURUSHO C12Q1/68, C12M1/00, C12N15/09, G01N31/22, G01N33/53, G01N33/542, I
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RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAMAGATA, SHINYA
                                                    20-APR-2000 JP 2000120097
RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAMAGATA, SHINYA
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/mol_type="genomic DNA"
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Pred. No. 4.7e+02;
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Kurane, R., Kanekawa, T., Kamagata, Y., Kurata, S., Yamada, K.,
Yokomaku, T., Koyama, O. and Furusho, K.

Method for assaying nucleic acid, nucleic acid probe used there
and method for analyzing data obtained by that method
Patent: JP 2001286300-A 6 16-0CT-2001;
JAPAN BIO INDUSTRY ASSOCIATION, KANKYO ENG KK, DIRECTOR GENERAL
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND MINISTRY
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C C12Q1/68, C12M1/00, C12N15/09, G01N31/22, G01N33/53, G01N33/542, E
G01N33/566,
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20-APR-2000 JP 2000120097
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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Pred. No. 4.7e+02;
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                                                                                                                                                                                                                                                                                                                                             source
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Kurane, R., Kanekawa, T., Kamagata, Y., Kurata, S., Yamada, K.,
Yokomaku, T., Koyama, O. and Furusho, K.
Method for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method and method for analyzing data obtained by that method patent: JP 2001286300-A 7 16-OCT-2001,
JAPAN BIO INDUSTRY ASSOCIATION, KANKYO ENG KK, DIRECTOR GENERAL OF NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND MINISTRY OF AGRICULTURE FORESTRY AND FISHERIES, TECHNOLOGY
OS Artificial Sequence
PN JP 2001286300-A/7
PD 16-OCT-2001
PD 16-OCT-2001
PD 16-OCT-2001
PD 16-OCT-2001
PT 20-APR-2000 JP 200120097
PI RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAMAGATA, SHINYA PI KURATA,
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BD072870 30 bp DNA linear PAT 27 Method for assaying nucleic acid, nucleic acid probe used and method for analyzing data obtained by that method. BD072870 BD072870.1 GI:22618473
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             labeled with Y FL/C6 upon the
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for analyzing data obta
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Pred. No. 4.7e+02;
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Pred. No. 4.7e+02;
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                                                                                                                                                       TITLE
                                                                                                                        JOURNAL
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1 (bases 1 to 30)

Kurane, Kanekawa, T., Kamagata, Y., Kurata, S., Yamada, K.,

Kurane, R., Kanekawa, T., Kamagata, Y., Kurata, S., Yamada, K.,

Yokomaku, T., Koyama, O. and Furusho, K.

Method for assaying nucleic acid, nucleic acid probe used therefor,

and method for analyzing data obtained by that method

Patent: JP 2001286300-A 9 16-CCT-2001;

JAPAN BIO INDUSTRY ASSOCIATION, KANKYO ENG KK, DIRECTOR GENERAL OF

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND MINISTRY OF

NARICULTURE FORESTRY AND FISHERIES, TECHNOLOGY
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Kurane, R., Kanekawa, T., Kamagata, Y., Kurata, S., Yamada, K.,
Yokomaku, T., Koyama, O. and Furusho, K.

Method for assaying nucleic acid, nucleic acid probe used therefor,
and method for analyzing data obtained by that method
and method for analyzing data obtained by that method
Patent: JP 2001286300-A 8 16-OCT-2001;
JAPAN BIO INDUSTRY ASSOCIATION, KANKYO ENG KK, DIRECTOR GENERAL OF
JAPAN BIO INDUSTRY ASSOCIATION, TANKYO ENG KK, DIRECTOR GENERAL OF
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND MINISTRY OF
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JP 2001286300-A/8
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                                 Artificial Sequence
JP 2001286300-A/9
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RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAMAGATA, SHINYA
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No.
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CC The base so
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OS Artificial Sequence
PN JP 2001286300-A/10
PD 16-OCT-2001
PF 20-APR-2000 JP 2000120097
PF RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAMAGATA, SHINYA KURATA,
                                                                                                                                                                                                                                                                                                                                                                                                                      Kurane, R., Kanekawa, T., Kamagata, Y., Kurata, S., Yamada, K., Yokomaku, T., Koyama, O. and Furusho, K.

Method for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method patent: JP 2001286300-A 10 16-OCT-2001;

JAPAN BIO INDUSTRY ASSOCIATION, KANKYO ENG KK, DIRECTOR GENERAL OF NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND MINISTRY OF
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JP 2001286300-A/10.
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PC C12Q1/68,C12M1/00,C12N15/09,G01N31/22,G01N33/53,G01N33/542, E
G01N33/566,
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1 (bases 1 to 30)
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                                                                                                           labeled with BODIBY FL/C6 upon the hybridization of
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                                                                                                                                                     decrease in fluorescence emission of a nucleic acid probe
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/mol_type="genomic DNA"
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/db_xref="taxon:32630"
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organism='Artificial Sequence'
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Pred. No. 4.7e+02
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COMMENT

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RESULT 323
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20-APR-2000 JP 2000120097
RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAMAGATA, SHINYA
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 4.7e+02;
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21 (bases 1 to 30)

22 (bases 1 to 30)

23 (Kurane,R., Kanekawa,T., Kamagata,Y., Kurata,S., Yamada,K.,
Yokomaku,T., Koyama,O. and Furusho,K.

24 Method for assaying nucleic acid, nucleic acid probe used therefor,
25 and method for analyzing data obtained by that method
26 Patent: JP 2001286300-A 12 16-OCT-2001;

36 JAPAN BIO INDUSTRY ASSOCIATION,KANKYO ENG KK, DIRECTOR GENERAL OF
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND MINISTRY OF
AGRICULTURE FORESTRY AND FISHERIES, TECHNOLOGY

26 OS Artificial Sequence
27 DJ 16-OCT-2001
28 PD 16-OCT-2001
29 PD 20-APR-2000 JP 2000120097
20 PP 20 APR-2000 JP 2000120097
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Method for assaying nucleic acid, and method for analyzing data obt
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1 (bases 1 to 30)

Kurane,R., Kanekawa,T., Kamagata,Y., Kurata,S.,
Yokomaku,T.
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BD072874.1 GI:22618477
JP 2001286300-A/12.
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                                                  Patent: JP 2002000275-A 1 08-JAN-2002;
JAPAN BIO INDUSTRY ASSOCIATION, KANKYO ENG
                                                                    Novel quantitative polymorphism analysis method Patent: JP 2002000275-A 1 08-JAN-2002;
                                  TECHNOL
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C12Q1/68, C12M1/00, C12N15/09, G01N31/22, G01N33/53, G01N33/542,
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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1 (bases 1 to 30)

Kurane,R., Kanekawa,T., Kamagata,Y., Kurata,S., Yamada,K.
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PC C12N15/09,C12M1/00,C12M1/34,C12Q1/68,C12N15/00
sequence was prepared synthetically on the aim of
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CC decrease
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PC C12N15/09,C12M1/00,C12M1/34,C12Q1/68,C12N15/00
sequence was prepared synthetically on the aim of
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Novel quantitative polymorphism analysis method.
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27-JUN-2000 JP 2000193133
RYUICHIRO KURANE,TAKAHIRO KANEKAWA,YOICHI KAWAGATA,SHINYA
                                                                                                                                                                        labeled with BODIBY FL/C6 upon the hybridization of
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JP 2002000275-A/2
08-JAN-2002
27-JUN-2000 JP 2000193133
RYUICHIRO KURANE,TAKAHIRO KANEKAWA,YOICHI KAMAGATA,SHINYA
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                                                          /organism=',
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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sequence was prepared synthetically on the aim of C
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27-JUN-2000 JP 2000193133
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/mol_type="genomic DNA"
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PC C12N15/09, C12M1/00, C12M1/34, C12Q1/68, C12N15/00
sequence was prepared synthetically on the aim of
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Kurane,R., Kanekawa,T., Kamagata,Y., Kurata,S.,
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sequence was prepared synthetically on the aim of
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JP 2002000275-A/5.
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27-JUN-2000 JP 2000193133
RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAMAGATA, SHINYA
                                                              BODIBY FL/C6 upon the hybridization
                                                                                            decrease in fluorescence emission of a nucleic acid
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/mol_type="genomic DNA"
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PC C12N15/09, C12M1/00, C12M1/34, C12Q1/68, C12N15/00
sequence was prepared synthetically on the aim of
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JP 2002000275-A/6.
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JP 2002000275-A/6
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RYUICHIRO KURANE,TAKAHIRO KANEKAWA,YOICHI KAMAGATA,SHINYA
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                             organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 4.7e+02;
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BD107499
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Query Match
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synthetic construct
artificial sequences.
1 (bases 1 to 30)
Kurane, R., Kanekawa, T., Kamagata, Y., Kurata, S.,
Volcock, T.
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1 (bases 1 to 30)

Kurane, R., Kanekawa, T., Kamagata, Y., Kurata, S.,
Yokomaku, T.
Yokomaku, T.
Movel quantitative polymorphism analysis method
Patent: JP 2002000275-A 7 08-JAN-2002;
JAPAN BIO INDUSTRY ASSOCIATION, KANKYO ENG KK, AG
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PC C12N15/09, C12M1/00, C12M1/34, C12Q1/68, C12N15/00
sequence was prepared synthetically on the aim of
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C12N15/09,C12M1/00,C12M1/34,C12Q1/68,C12N15/00
ence was prepared synthetically on the aim of C
                                                                               JP 2002000275-A/8
08-JAN-2002
27-JUN-2000 JP 2000193133
RYUICHIRO KURANE,TAKAHIRO
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JP 2002000275-A/7
08-JAN-2002
27-JUN-2000 JP 2000193133
RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAMAGATA,
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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PC C12N15/09, C12M1/00, C12M1/34, C12Q1/68, C12N15/00
sequence was prepared synthetically on the aim of CC
examining the
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1 (bases 1 to 30)
Kurane,R., Kanekawa,T., Kamagata,Y., Kurata,S.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                Novel quantitative polymorphism analysis method Patent: JP 2002000275-A 9 08-JAN-2002;
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RYUICHIRO KURANE,TAKAHIRO KANEKAWA,YOICHI KAMAGATA,SHINYA
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08-JAN-2002
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 4.7e+02;
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BD145024
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        artificial sequences.

1 (bases 1 to 30)

Kurane, R., Kanagawa, T., Kamagata, Y., Torimura, M., Kurata, S.,

Yamada, K. and Yokomaku, T.

Method for assaying nucleic acid, nucleic acid probe used therefor,

and method for analyzing data obtained by that method

patent: JP 2002119291-A S 23-APR-2002;

JAPAN BIOINDUSTRY ASSOCIATION, NATIONAL INSTITUTE OF ADVANCED

INDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD
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1 (bases 1 to 30)
Kurane,R., Kanekawa,T., Kamagata,Y.,
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/db_xref="taxon:32630"
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/mol_type="genomic DNA"
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4.7e+02;
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> BD145024 30 bp DNA linear PAT 17-JAN-2003 Method for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method. PI KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU
> PC C12N15/09, C12M1/00, C12M1/34, C12Q1/68, C12N15/00
> sequence was prepared synthetically on the aim of (Novel quantitative polymorphism analysis method Patent: JP 2002000275-A 10 08-JAN-2002; JAPAN BIO INDUSTRY ASSOCIATION, KANKYO ENG KK, A Artificial Sequence JP 2002000275-A/10 08-JAN-2002 27-JUN-2000 JP 2000193133 RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAMAGATA, SHINYA BODIBY FL/C6 upon the hybridization of decrease in fluorescence emission of a nucleic acid /organism='Artificial Sequence'. DNA linear analysis method. Kurata, S., Yamada, K. Length 30; Indels AGENCY გგ PAT PAT 17-JAN-2003 0; QĘ 18-SEP-2002 IND SCIENCE Gaps probe The ΡI ဥ 0

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1 (bases 1 to 30)

Kurane, R., Kanagawa, T., Kamagata, Y., Torimura, M., Kurata, S., Yamada, K., and Yokomaku, T.

Method for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method and method for analyzing data obtained by that method and method for analyzing data obtained by that method patent: JP 2002119291-A 6 23-APR-2002;

JAPAN BIOINDUSTRY ASSOCIATION, NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD OS ATLIFICIAL SEQUENCE OS ATLIFICIAL SEQUENCE PN JP 2002119291-A/6

PD 23-APR-2001

PF 27-APR-2001 JP 2001133529

PF 27-APR-2001 JP 201133529

PF RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI PI TORIMURA, KURATA KARITTAKA KANAGAWA, YOICHI KAMAGATA, MASAKI PI
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PD 23-APR-2001 JP 2001133529
PF 27-APR-2001 JP 2001133529
PF 27-APR-2001 JP 2001133529
PI RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI PI TORIMURA,
PI SHINYA KURATA, KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N1/28, G01N1/28, G01N33/566, G01N33/58, G01N37/00, G06F17/10, C12N15/00, C12N15/00, PC G01N1/28, G01N33/58, G01N37/00, G06F17/10, C12N15/00, C12N15/00, PC G01N1/28, G01N33/58, G01N37/00, G06F17/10, C12N15/00, C12N15/00, PC G01N1/28, G01N1/28
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CC The base sequence was prepared synthetically on the aim of CC
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                                          decrease in fluorescence emission of a nucleic acid probe labeled with BO hybridization of
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Key Location/Qualifiers
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                       probe with a target nucleic acid
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/mol_type="genomic DNA"
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Location/Qualifiers
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1 (bases 1 to 30)
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G01N1/28
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27-APR-2001 JP 2001133529
RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI
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Key Location/Qualifiers
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                                                                                /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Method for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method and method for analyzing data obtained by that method Patent: JP 2002119291-A 8 23 -ARR-2002;

JAPAN BIOINDUSTRY ASSOCIATION, NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD OS ATLIFICIAL SEQUENCE
PN JP 2002119291-A/8
PD 23-APR-2001
PF 27-APR-2001
PF 27-APR-2001
PT RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI PI TORIMURA,
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                                                                                           synthetic construct
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artificial sequences.
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Yamada, K. and Yokomaku, T.
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30 bp DNA LINEAL FRANCE Method for assaying nucleic acid, nucleic acid probe used therefor,
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JP 2002119291-A/8.
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Method for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method Patent: JP 2002119291-A 9 23-APR-2002;
JAPAN BIOINDUSTRY ASSOCIATION, NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD
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                                                                                                                                                                                                           BD145028
BD145028.1 GI:27850786
JP 2002119291-A/9.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             김직필요
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synthetic construct
artificial sequences.
1 (bases 1 to 30)
                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  decrease in fluorescence emission of a nucleic acid probe labeled with BODIBY FL/C6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   probe with a target nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Pred. No. 4.7e+02;
                                                                                                                Kamagata, Y., Torimura, M., Kurata, S.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mismatches
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ORGANISM
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BD145029
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          23;
                                                                                                                                                                                                                                                                                     Method for assaying nucleic acid, nucleic acid probe used then and method for analyzing data obtained by that method patent: JP 2002;19291-A 10 23-APR-2002;
JAPAN BIOINDUSTRY ASSOCIATION, NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD OS Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                               synthetic construct
synthetic construct
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C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N1/28, G01N1/28, G01N33/ PC
                                                                                                                                                                      PI SHINYA KURATA, KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU PC
C12N15/09, C12N15/09, C12N1/00, C12Q1/68, G01N1/28, G01N1/28, G01N33/ PC
                                                                                                                                                                                                                                                                                                                                                                                            Kurane,R., \ Kanagawa,T., \ Kamagata,Y., \ Torimura,M., \ Kurata,S., \ Yamada,K. \ and \ Yokomaku,T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 and method for analyzing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Method for
                                                                                                                                                                                                                                                                                                                                                                                                                            artificial sequences.
1 (bases 1 to 30)
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Similarity 82.1%;
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G01N1/28
                                                                                                      G01N33/566,G01N33/58,G01N37/00,G06F17/10,C12N15/00,C12N15/00,G01N1/28,G01N1/28
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                                   decrease in fluorescence emission of a nucleic acid probe labeled with BODIBY
                                                                                                                                                                                                                      27-APR-2001 JP 2001133529
RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAWAGATA, MASAKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      JP 2002119291-A/9
23-APR-2002
                                                                                   The base sequence was prepared synthetically
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                                                                                                                                                                                                                                                     23-APR-2002
hybridization of probe with a target nucleic acid
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Pred. No. 4
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                                     FL/C6 upon the
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KEYWORDS
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                                                                                                                                                             Query Match
Best Local S
Matches 23
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Best Local S
Matches 23
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21 (bases 1 to 30)

22 (bases 1 to 30)

23 (bases 1 to 30)

24 (bases 1 to 30)

25 (Wirane, R., Kanagawa, T., Kamagata, Y., Torimura, M., Kurata, S., Yamada, K. and Yokomaku, T.

26 Method for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method

27 Papan BIOINDUSTRY ASSOCIATION, NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD OS Artificial Sequence

27 Papan 2002119291-A/11

27 Papan-2001 JP 2001133529

27 PAPR-2001 JP 201133529

28 PI RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI PI TORIMURA, TURANE, TURANE
                                                                                4458
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C13,15/09,C12N15/09,C12M1/00,C12Q1/68,G01N1/28,G01N1/28,G01N3/ PC
C3, G01N33/566,G01N33/58,G01N37/00,G06F17/10,C12N15/00,C12N15/00,
PC G01N1/28
PC G01N1/2
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BD145030.1 GI:27850788
JP 2002119291-A/11.
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                                                                                                                                                                                                        Similarity
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ATATATTTTTTTTTTTTTTTTTTTTTT
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a nucleic acid probe labeled with BO
hybridization of
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/mol_type="genomic DNA"
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REFERENCE

AUTHORS

artificial sequences.

1 (bases 1 to 30)

Kurane, R., Kanagawa, T., Kamagata, Y., Torimura, M., Kurata, S., Yamada, K. and Yokomaku, T.

Yamada, K. and Yokomaku, T.

Method for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method Patent: JP 2002119291-A 13 23-APR-2002;

JAPAN BIOINDUSTRY ASSOCIATION, NATIONAL INSTITUTE OF ADVANCED

TITLE

JOURNAL

SOURCE KEYWORDS VERSION ACCESSION

ORGANISM

synthetic construct synthetic construct BD145032.1 GI:27850790 JP 2002119291-A/13.

and method BD145032

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Local Similarity 82.1%;
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1 (bases 1 to 30)

Kurane, R., Kanagawa, T., Kamagata, Y., Torimura, M., Kurata, S., Yamada, K. and Yokomaku, T.

Method for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method and method for analyzing data obtained by that patents JP 2002119291-A 12 23-APR-2002;

JAPAN BIOINDUSTRY ASSOCIATION, NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD
BD145032 30 bp DNA linear PAT 17-JAN-200:
Method for assaying nucleic acid, nucleic acid probe used therefor,
and method for analyzing data obtained by that method.
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Method for assaying nucleic acid, nucleic acid probe used therefor,
and method for analyzing data obtained by that method.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PI SHINYA KURATA, KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N1/28, G01N1/28, G01N33/ PC 53,
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RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI
                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   G01N33/566,G01N33/58,G01N37/00,G06F17/10,C12N15/00,C12N15/00,
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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OS Artificial Sequence
PN JP 2002119291-A/13
PD 23-APR-2002
PF 27-APR-2001 JP 2001133529
PF RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAWAGATA, MASAKI PI TORIMURA,
FI SHINYA KURATA, KAZUTAKA YAWADA, TOYOKAZU YOKOMAKU PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N1/28, G01N1/28, G01N1/28, G01N1/28, G01N1/28, G01N1/28, G01N1/28, G01N1/28, G01N1/28
PC G01N1/28
CC The base sequence was prepared synthetically on the aim of CC The base sequence was prepared synthetically on the aim of CC
                                                                                                         Kurane, R., Kanagawa, T., Kamagata, Y., Torimura, M., Kurata, S., Yamada, K. and Yokomaku, T.

Method for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method and method for analyzing data obtained by that method patent: JP 2002119291-A 14 23-APR-2002;

AL Patent: JP 2002119291-A 14 23-APR-2002;

AL PATENDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD INDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD SALLIficial Sequence PN JP 2002119291-A/14

PD 23-APR-2002

PT 27-APR-2001 JP 2001133529

PT RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI PI TORIMURA, PRIJECTIAN KURATA, KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N1/28,G01N1/28,G01N1/28,G01N3/566,G01N33/58,G01N37/00,G06F17/10,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12N15/00,C12
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 4.7e+02;
Pred. No. 5;
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B0166025
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CC The base sequence was prepared synthatically and the contraction of t
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Novel nucleic acid probes, method for determining nucleic acid by using the probes, and method for a obtained by the method patent: JP 2002191372-A 5 09-JUL-2002;

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE KANKYO ENGINEERING CO LTD
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JP 2002191372-A/5.
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26-SEP-2001 JP 2001295145
RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI
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Key Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon;32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 4.7e
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Pred. No. 4.7e+02;
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                                                                                                               Mismatches
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4.7e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           nucleic acid by using the probes, and method for anal obtained by the method probes, and method for anal obtained by the method patent: JP 2002191372-A 6 09-JUL-2002;

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND KANKYO ENGINEERING CO LTD OS Artificial Sequence PN JP 2002191372-A/6
PD 09-JUL-2002
PF 26-SEP-2001 JP 2001295145
PF 26-SEP-2001 JP 2001295145
PI RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA DTORIMURA,
                                                                                                                                                                                                                                                                                                Novel nucleic acid probes, method for determining concentrations of nucleic acid by using the probes, and method for analyzing data obtained by the method. BD166026 BD166026.1 GI:27871838

JP 2002191372-A/6.
                                                                                                                                            30 bp BD166027 method Novel nucleic acid probes, method nucleic acid by using the probes, obtained by the method.
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CC The base sequence was prepared synthetically on the aim
1 (bases 1 to 30)
Kurane,R., Kanagawa,T., K
Yamada,K. and Yokomaku,T.
                                                                                                BD166027
BD166027.1 GI:27871839
JP 2002191372-A/7.
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                                                                 unidentified unidentified
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26-SEP-2001 JP 2001295145
RYUICHIRO KURANE,TAKAHIRO KANAGAWA,YOICHI KAMAGATA,MASAKI
                                                                                                                                                                                                                                                                                                                                              Conservative
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                Kamagata,Y.,
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                Torimura,
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determining concentrations of
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                                                                                                               AUTHORS Kurane,R., Kanagawa,T., Kamagata,Y., Torimura,M., Kurata,S., Yamada,K. and Yokomaku,T.

Novel nucleic acid probes, method for determining concentrations of nucleic acid by using the probes, and method for analyzing data obtained by the method

URNAL Patent: UP 20012191372-A 8 09-JUL-2002;

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY KANKYO ENGINEERING CO LTD

KANKYO ENGINEERING CO LTD

OS Artificial Sequence
PN JP 2002191372-A/8
PD 09-JUL-2002
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Best Local Similarity 82.1%;
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Novel nucleic acid probes, nucleic acid by using the pobtained by the method.
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NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD
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CC The base sequence was prepared synthetically on the aim
                                                 PI SHINYA KURATA, KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU PC
C12N15/09, C12M1/00, C12Q1/68, G01N33/58//G01N33/53, G01N33/566,
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26-SEP-2001 JP 2001295145
RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI
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26-SEP-2001 JP 2001295145
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Kurane, R., Kanagawa, T., Kamagata, Y., Torimura, M., Kurata, S., Yamada, K. and Yokomaku, T.

Novel nucleic acid probes, method for determining concentrations of nucleic acid by using the probes, and method for analyzing data obtained by the method

Patent: JP 2002191372-A 9 09-JUL-2002;

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD

OS Artificial Sequence
PD 09-JUL-2002
PF 26-SEP-2001 JP 2001295145
PF 26-SEP-2001 JP 201295145
PF 26-SEP-2001 JP 201295145
PF RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAWAGATA, MASAKI PI
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Novel nucleic acid probes, method
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                        /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                              /organism='Artificial Sequence'.
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CC The base sequence was prepared completely.
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                                        nucleic acid by using the probes, obtained by the method.
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Yamada, K. and Yokomaku, T.
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26-SEP-2001 JP 2001295145
RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI
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BODIBY FL/C6 upon the hybridization
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Kurane, R., Kanagaka, T., Kamagata, Y., Torimura, M., Kurata, S.,

Yamada, K., and Yokomaku, T.

Novel nucleic acid probes, method for determining concentrations of nucleic acid by using the probes, and method for analyzing data obtained by the method

Patent: JP 2002191372-A 11 09-JUL-2002;

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY,

KANKYO ENGINEERING CO LTD

OS ATTIFICIAL SEQUENCE
PN JP 2002191372-A/11

PD 09-JUL-2002

PF 26-SEP-2001 JP 2001295145

PI RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI PI TORIMURA,

PT ORIMURA, VINNARA VANARA TOVOKARII VOKOMAKII DO
IE 1 (bases 1 to 30)

KIXTANE, R., KANAGAWA, T., KAMAGATA, M., KUTATA, S.,

YAMAGA, K., and Yokomaku, T.

NOVEL nucleic acid probes, method for determining concentrations of nucleic acid by using the probes, and method for analyzing data obtained by the method

Obtained by the method

PARTIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY,

KANKYO ENGINEERING CO LTD

OS ATTIFICIAL SEQUENCE
PN JP 2002191372-A/12
PD 09-UUL-2002
PP 26-SEP-2001 JP 2001295145
PI RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI PI

TORIMURA,
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JP 2002191372-A/12.
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Novel nucleic acid probes, method nucleic acid by using the probes,
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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AUTHORS

AUTHORS

Kurane, R., Kanagawa, T., Kamagata, Y., Torimura, M., Kurata, S., Yamada, K. and Yokomaku, T.

Movel nucleic acid probes, method for determining concentrations of nucleic acid by using the probes, and method for analyzing data obtained by the method obtained by the method polymura, MATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE KANKYO ENGINEERING CO LTD

SARTIFICIAL SQUENCE

OS Artificial Sequence
PN UP 2002191372-A/13
PD 09-JUL-2002
PF 26-SEP-20-2
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Novel nucleic acid probes, method nucleic acid by using the probes,
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Novel nucleic acid probes, method nucleic acid by using the probes, obtained by the method.
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Novel nucleic acid probes, method for determining concentrat nucleic acid by using the probes, and method for analyzing d
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RYUICHIRO KURANE,TAKAHIRO KANAGAWA,YOICHI KAMAGATA,MASAKI
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                                                                                           Sequence
AR168453
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                                                                                                                                                                                                                                                          21;
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Calibration of molecular array data
Patent: BP 1186673-A 5 13-MAR-2002;
Agilent Technologies Inc (US)
Location/Qualifiers
1 (bases 1 to 24)
Spurr,N.K., Gray,I.C. and Stewart,L.M
Diagnosis of susceptibility to cancer
                                                    Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         synthetic construct synthetic construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            and utilization thereof
Patent: WO 0071749-A 17 30-NOV-2000;
Aventis Research & Technology GmbH &
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                                                                                                                                                                                                                                                                       Similarity
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Similarity 91.3%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 3.3e+02;
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    treatment thereof
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                        MORI,M., Shimomura,Y., Harada,M., Kurihara,M., Kitada,C., Asami,T.,
Matsumoto,Y., Adachi,Y., Watanabe,T., Sugo,T. and Abe,M.
Ligand for GPR and its DNA
Patent: WO 0198494-A 34 27-DEC-2001;
TAKEDA CHEMICAL INDUSTRIES LTD,MASAAKI MORI,YUKIO SHIMOMURA, MIOKO
HARADA, MIKA KURHARA,CHIEKO KITADA,TAIJI ASAMI,YOSHIO MATSUMOTO,
YUKA ADACHI, TAKUYA WATANABE,TSUKASA SUGO,MICHIKO ABE
OS Artificial Sequence
PN WO 0198494-A/34
PD 27-DEC-2001
PP 20-JUN-2001 WO 2001JP005257
PR 21-JUN-2000 JP 00P 191089,06-SEP-2000 JP 00P 275013 PR
13-APR-2001 JD 01P 116000
PI MASAAKI MORI,YUKIO SHIMOMURA,MIOKO HARADA,MIKA KURIHARA,CHIEKO
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artificial sequences.
1 (bases 1 to 24)
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Calibration of molecular array data
Patent: EP 1186673-A 7 13-MAR-2002;
Agilent Technologies Inc (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                  Ligand for GPR8 and its
BD102725
BD102725.1 GI:22648299
WO 0198494-A/34.
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synthetic construct
artificial sequences.
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Sequence 7 from Patent EP1186673
AX394609
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                             MASAAKI MORI, YUKIO SHIMOMURA, MIOKO HARADA, MIKA KURIHARA, CHIEKO
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="synthetic construct"
/mol_type="unassigned DNA"
/db xrefs"ttaxon:32630"
/note="probes to target sequences"
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; Pred. No. 3.5e.
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Pred. No. 3.5e+02;
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BD169605
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synthetic construct

artificial sequences.

El (bases 1 to 24)

Terao,Y., Shintani,Y., Harada,M., Shimomura,Y. and Mori,M.

Novel G protein-coupled receptor and its DNA

Naterical Industries LTD,YASUKO TERAO,YASUSHI SHINTANI, MIOKO
HARADA, YUKIO SHIMOMURA, MASAAKI MORI

OS Artificial Sequence
PN WO 0244368-A/37

PD 06-JUN-2002

PF 29-NOV-2001 WO 2001JP010418

PR 30-NOV-2001 WO 2001JP010418

PR 30-NOV-2001 JP 01P 145434,06-SEP-2001 JP 01P 087482 PR

TERAO,YASUSHI SHINTANI,MIOKO HARADA,YUKIO SHIMOMURA, PI MASAAKI

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PC C12N15/12,C07K14/47,C12N1/21,C07K16/18,G01N33/53,G01N33/50, PC
G01N33/15,
CC C12P21/08,A61K31/711,A61K38/17,A01K67/027,A61P1/14,
PC A61P3/04
CC Primer
FH Key
FH Key
FT Source 1.24
FT fource (organism='Artificial Sequence'.
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TSUKASA SUGO,
                                                                                                                                                                                                                                                                                         Primer
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                                                                                      Similarity
CAGCGGCAGCAGCAGCAGCAGTA 23
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rce 1. .24
/organism='Artificial
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                      0.3%; Score 19.8; DB 1
91.3%; Pred. No. 3.5e+02
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Screening method.
BD182475
BD182475.1 GI:30793393
WO 02093161-A/34.
23
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Sequence 9 from Patent EP1186673.
AX394611
                                            ch 0.3%; l Similarity 91.3%; 21; Conservative
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synthetic construct
artificial sequences.
1 (bases 1 to 24)
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GGAGATTTTTTTTTTTTTTTTTT
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WO 02093161-A/34
21-A/0V-2002
14-MAY-2002 WO 2002JP004635
15-MAY-2001 JP 01P 145411
MASAAKI MORI, YUKIO SHIMOMURA, MIKA GOTO
G01N33/15, G01N33/50, C07K14/705, C07K14/435
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                                                                                                       /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism='Artificial
                                                                                                                                                        Location/Qualifiers
                                                                                          note="probes to target sequences"
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Pred. No. 3.5e+02;
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RESULT 363

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synthetic construct
synthetic construct
artificial sequences
                                      E33560.1 GI:18624133
JP 2000078977-A/5.
                                                              Stress-responsive gene E33560
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Lewis, N.G., Davin, L.B., Dinkova-Kostov Sarkanen, S. and Ford, J.D.
Recombinant pinoresinollariciresinol dirigent protein, and methods of use Patent: US 6210942-A 59 03-APR-2001;
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the prevention and/or repair of a replication error
Patent: WO 02095071-A 30 28-NOV-2002;
Koninklijke Nederlandse Akademie van Wetenschappen (NL)
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ilarity 91.3%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="sequence to demonstrate the principle of how to detect somatic repeat instability~##N# stands for any number of nucleotides seleted from A, C, T or G#"
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RESULT 367
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Sequence 59
AR410280
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                                                                                                                                                                                                                                                                                                           Unknown.
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                             AX191907
Sequence 59 from Patent
AX191907
AX191907.1 GI:15210057
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                                                                                                                                                                                                                         Nucleotide sequences encoding pinoresinol/lariciresinol reductase proteins and their methods of use Patent: US 6635459-A 59 21-OCT-2003;
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Lewis, N.G., Davin, L.B., D
Sarkanen, S. and Ford, J.D.
synthetic
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (C12P21/02,C12R1:865),C12N15/00,(C12N15/00,C12R1:865) CC
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                                                                                                                                                                                          /organism="unknown"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Local Similarity 91.3%;
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                                                                                                                                                BD064385 26 bp DNA Recombinant pinoresinol/lariciresinol dirigent proteins and methods of use.
                                                                                                                                                                                                                                                                                                                    21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Calibration of molecular array data
patent: EP 1186673-A 11 13-MAR-2002;
Agilent Technologies Inc (US)
Location/Qualifiers
              1 (bases 1 to 26)
Lewis, N.G., Davin, L.B.,
Sarkanen, S.
                                                      unclassified.
                                                                         unidentified
                                                                                         unidentified
                                                                                                     BD064385.1 GI:22609988
JP 2001507931-A/26.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              synthetic construct synthetic construct
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ford, J.D. and Sarkanen, S
Recombinant pinoresinol/lariciresinol reductases, recombinant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Wobler, P.K. and Delenstarr, G.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AX394613.1 GI:21065726
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="synthetic construct"
/mol_type="unassigned DNA"
/db xrefs"taxon:32630"
/noTe="oligonucleotide"
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Pred. No. 46
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EP1186673
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                            Kostova, A.T.D.,
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                            Fujita, M.,
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                            Gang, D.R.
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VERSION
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FEATURES
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FEATURES
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AR182555
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Best Local S
Matches 21
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Best Local (
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nes 21; Conserv
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Patent: JP 2001507931-A 26 19-JUN-2001;
WASHINGTON STATE UNIVERSITY RESEARCH FOUNDATION
PN JP 2001507931-A/26
PD 19-JUN-2001
PF 07-NOV-1997 JP 1998521816
PF 07-NOV-1996 US 60/030522,31-JUL-1997 US 60/054380 PI
PR 08-NOV-1996 US 60/030522,31-JUL-1997 US 60/054380 PI
NORMAN G LEWIS, LAURENCE B DAVIN, ALBENA T DINKOVA KOSTOVA, PI
MASAYUKI FUJITA,
PI DAVID R GANG, SIMO SARKANEN
PC C12N9/02,C12N15/53,C12N15/29
CC TOPOLOGY: Linear;
CC T
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AR182555
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AR142409
1 (bases 1 to 27)
Ni,J., Yu,G.-L. and Gentz,R.
Human endometrial specific steroid-binding factor
Patent: US 6338948-A 16 15-JAN-2002;
Location/Qualifiers
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Ni,J., Yu,G.-L. and Gentz,R.
Human endometrial specific steroid-binding factor I,
Patent: US 6174992-A 16 16-JAN-2001;
Location/Qualifiers
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21; Conservative
                                                                                                 Unclassified.
                                                                                                                     Unknown
                                                                                                                                     Unknown.
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     organism="unknown"
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Pred. No. 4e+0
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Pred. No. 4.3e+02;
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SOURCE
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AX394614/c
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TITLE
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PD 02-M
PF 24-Ji
PF 24-Ji
PR 27-Ji
PR MICHI
TAKAHASHI
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Sequence
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1 (bases 1 to 27)

Tanga, M., Okamura, H., Takagi, K. and Takahashi, K.
Tanga, M., Okamura, H., Takagi, K. and process for producing the Support for immobilizing nucleotide and process for producing the Patent: WO 0155365-A 2 02-AUG-2001;
TOYO KOHAN CO LTD, MICHIFUMI TANGA, HIROSHI OKAMURA, KENICHI TAKAGI,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Wobler, P.K. and Delenstarr, G.C. Calibration of molecular array data Patent: EP 118673-A 12 13-MAR-2002, Agilent Technologies Inc (US)
Location/Qualifiers
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WO 0155365-A/2.
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                                                                                                           02-AUG-2001
24-JAN-2001 WO 2001JP000443
27-JAN-2000 JP 00P 019301
MICHIFUMI TANGA,HIROSHI OKAMURA,KENICHI TAKAGI,KOJIRO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.3%;
llarity 91.3%;
Conservative
                                                     C12N15/10,C07H21/04//G01N33/50,C12Q1/68 Support for immobilizing nucleotide and
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WO 0155365-A/2
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   source
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/mol_type="unassigned
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/db_xref="taxon:32630"
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Pred. No. 4.3e+02;
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AR055116/c
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BD161932/c
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PATENT OF MOHAN CO LTD, KOJIRO TAKAHASHI

OS Artificial Sequence

PA JP 2002191369-A/9

PD 09-JUL-2002

PP 27-DEC-2000 JP 2000399573

PF 27-DEC-2000 JP 2000399573

PI MICHIPUMI TANGA, HIROSHI OKAMURA, KOJIRO TAKAHASHI

C12N15/09,C12N15/09,C12Q1/68,C12N15/00,C12N15/00 CC

CBRTYING OUT thermal cycle of PCR using DNA- CC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 27)
Tanga, M., Okamura, H. and Takahashi, K.
Method for carrying out thermal cycle of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  21;
1 (bases 1 to 28)
Wang, X., Duvick, J.P. and Briggs, S.P.
PCR-based cDNA substractive cloning
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                BD161932 27 bp DNA linear PAT 17-JAN-2003 Method for carrying out thermal cycle of PCR using DNA-immobilized
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BD161932
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Location/Qualifiers
1...27
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                               /organism='Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 4.3e+02;
0; Mismatches 2
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Pred. No. 4.3e
0; Mismatches
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5837468.
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RESULT 378
AR068457/c
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    (bases 1 to 28)
    Wang, X., Duvick, J.P. and Briggs, S.P.
    PCR-based cDNA substractive cloning
    Patent: US 5837468-A 23 17-NOV-1998;
    Location/Qualifiers

                                                                                                                                                                                                                                                                                                                                                                                                                 21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 28)
Wang,X., Duvick,J.P. and Briggs,S.P.
PCR-based CDNA substractive cloning
Patent: US 5837468-A 22 17-NOV-1998,
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent: US 5837468-A 21 17-NOV-1998;
Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 4.6e+02
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Pred. No. 4.6e+02
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AR068457
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1 (bases 1 to 28)

Wang, X., Duvick, J.P. and Briggs, S.P. ECR-based cDNA subtractive cloning me Patent: US 5853991-A 21 29-DEC-1998;
Location/Qualifiers
                                                                                                                                                            Sequence 23
AR068459
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Wang,X., Duvick,J.P. and Briggs,S.P.
PCR-based cDNA subtractive cloning me
Patent: US 5853991-A 22 29-DEC-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 22
AR068458
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Wang, X., Duvick, J.P. and Briggs, S.P.
PCR-based cDNA subtractive cloning my
Patent: US 5853991-A 23 29-DEC-1998;
Location/Qualifiers
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                      organism="unknown"
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Pred. No. 4.6e+02;
0; Mismatches 2
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AX394616
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21; Conservative
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Sequence 15 from Patent EP1186673.
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14 from Patent EP1186673.
                                                                                                         /mol_type="unassigned DNA"
/db_xref="taxon:32630"
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|mol_type="unassigned DNA"
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PP 12-MAY-1999 UP 2000548510
PR 12-MAY-1999 US 60/085992,12-MAY-1998 US 09/076440 PI
DAVID J ECKER, RANGA SAMPATH, RICHARD GRIFFEY, JOHN MCNEIL PC
C1201/68, A61K31/7105, A61K48/00, C12N15/09, C12N15/00 CC Description
of Artificial Sequence: Novel Sequence CC N is any nucleotide
FH Key Location/Qualifiers
FT misc_feature, (28). (29).
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ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2002526030-A/309
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PD 20-AUG-2002
PF 12-MAY-1999 JP 2000548510
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                                                                                                                                                                                                                                                                                                                                                          synthetic construct
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1 (bases 1 to 29)
Ecker, D.J., Sampath, R., Griffey, R. and Mcneil, J.
Identification of molecular interaction sites in
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BD274342.1 GI:33084110
JP 2002526030-A/309
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PR 12-MAY-1998 US 60/085092,12-MAY-1998 US 09/076440 PI
DAVID J ECKER, RANGA SAMPATH, RICHARD GRIFFEY, JOHN MCNEIL PC
C12Q1/68,A61K31/7105,A61K48/00,C12N15/00,C12N15/00 CC Description
of Artificial Sequence: Novel Sequence CC N is any nucleotide
FH Key
Location/Qualifiers
FT misc_feature (28). (29).
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PD 20-AUG-2002
PF 12-MAY-1999 JP 2000548510
PR 12-MAY-1998 US 60/085092,12-MAY-1
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1 (bases 1 to 29)

Ecker, D.J. Sampath, R., Griffey, R. and Mcneil,
Identification of molecular interaction sites
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BD274324.1 GI:33084092
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Identification of molecular interaction sites in RNA for novel drug
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Skolnick, M.H., Goldgar, D.E., Miki, Y., Swenson, J., Kamb, A Skolnick, M.H., Goldgar, D.E., Miki, Y., Swenson, J., Kamb, A Harshman, K.D., Shattuck-Eidens, D.M., Tavtigian, S.V., Wiss and Futreal, P.Andrew.
and Futreal, P.Andrew.
17Q-linked breast and ovarian cancer susceptibility gene 17Q-linked breast and ovarian cancer susceptibility gene Patent: US 5747282-A 41 05-MAY-1998;
Location/Qualifiers
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Location/Qualifiers
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Sequence 17 from Patent EP1186673.
AX394619
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/mol_type="unassigned
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/db_xref="taxon:32630"
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Pred. No. 4.
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Pred. No. 4.8e+02;
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Skolnick, M.H., Goldgar, D.E., Miki, Y., Swenson, J., Kamb, A., Skolnick, M.H., Shattuck-Eidens, D.M., Tavtigian, S.V., Wiseman, R.W. and Futreal, P.Andrew.

17q-linked breast and ovarian cancer susceptibility gene Patent: US 6162897-A 4119-DEC-2000;
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170-linked breast and ovarian cancer susceptibility gene Patent: US 5753441-A 41 19-MAY-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 41 from patent US 5753441.
AR008197
AR008197.1 GI:3967306
                                                                                                                                                    Sequence 41 from patent US 176981
Linked breast and ovarian cancer susceptibility gene Patent: US 5693473-A 41 02-DEC-1997; Location/Qualifiers
                                                       1 (bases 1 to 30)
Shattuck-Eidens,D.M., Simard,J., Durocher,F.,
                                                                                                                                        176981.1
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Skolnick, M.H., Goldgar, D.E., Miki, Y., Swenson, J., Kamb, A
Skolnick, M.H., Goldgar, D.E., Miki, Y., Swenson, J., Kamb, A
Harshman, K.D., Shattuck-Eidens, D.M., Tavtigian, S.V., Wis
and Futreal, P.Andrew.
17q-linked breast and ovarian cancer susceptibility gene
17q-linked breast and ovarian cancer susceptibility gene
patent: US 5710001-A 41 20-JAN-1998;
Location/Qualifiers
                                                                                                                                                                                                                              Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Linked breast and ovarian cancer susceptibility gene Patent: US 5709999-A 41 20-JAN-1998;
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1 (bases 1 to 30)
Shattuck-Eidens, D.M., Simard, J.,
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/mol_type="unassigned
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ALEXANDER KAMB,
PI KEITH D HARS,
ROGER W WISEMAN,
PI ANDREW P FUTI
PC C12N15/09, C11
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CC Strandedness
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OS Homo Bapiens (human)
PN JP 2001346593-A/39
PD 18-DEC-2001
PF 18-APR-2001 JP 2001119644
PR 12-AUG-1994 US 08/289221,02-SEP-1994 US 08/308104,29-NOV-1994 US 08/409305,07-JUN-1995 US 08/409305,07-JUN-1995 US 08/487002
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Location/Qualifiers
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AX394621
                                                                                                                                                                                                                                                                                                                                                                Genes sensitive to 17q-chained breast cancer and ovarian cancer Patent: JP 2001346593-A 39 18-DEC-2001;
MYRIAD GENETICS INC,UNIVERSITY OF UTAH RESEARCH FOUNDATION, THE
                                                                                                                                                                                                                                                                                                                                                                                                                       Skolnick, M.H., Goldgar, D.E., Miki, Y., Swenson, J., Kamb, A., Harshman, K.D., Eidens, D.M.S., Tavtigian, S.V., Wiseman, R.W. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 30)
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JP 2001346593-A/39.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Homo sapiens (human)
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C12N15/09,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12Q1/68,C12N15/
00,C12N5/00
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                                           source
                                                                                    Genes sensitive to 17q-chained breast
                                                                                                                 Strandedness: Single;
                                                                                                                                                                                        KEITH D HARSHMAN, DONNA M SHATTUCK EIDENS, SEAN V TAVTIGIAN,
                                                                                                                                                                                                                     MARK H SKOLNICK, DAVID E GOLDGAR, YOSHIO MIKI, JEFF SWENSON,
                                                                                                   Topology: Linear;
                                                                        cancer
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          /organism='Homo sapiens
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                        Location/Qualifiers
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Pred. No. 5.1e+02;
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                           (human)'.
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08/483554 PR
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AR016852/c
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BD174259/c
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PI YASU
PC C17K
PC G1N
PC G01N
CC DNA
FH Key
FT BOUX
                                                                                                   Sequence
AR016852
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Best Local Similarity 91.3%;
Matches 21; Conservative
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Unclassified.
1 (bases 1 to 30)
Ryals,J.A., Alexander,D.C., Goodman,R.M. and Stinson,J.R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           artificial sequences.
1 (bases 1 to 26)
Otaki,T., Masuda,Y., Takatsu,Y., Watanabe,T., Terao,Y.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Novel phisiological active peptide and its use Patent: WO 02062944-A 6 15-AUG-2002; Patent: WO 02062944-A 6 15-AUG-2002; PAKI, YASUSHI MASUDA, TAKEDA CHEMICAL INDUSTRIES LTD, TETSUYA OTAKI, YASUSHI MASUDA, YOSHIHIRO TAKATSU, TAKUYA WATANABE, YASUKO TERAO, YASUSHI SHINTANI,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 BD174259
Novel phisiological active
BD174259
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             synthetic construct synthetic construct
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G01N33/15,G01N33/50,A61P1/00
DNA primer, hBv8-F1 primer
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01-FEB-2002 WO 2002JP000852
02-FEB-2001 JP 01P 026820
TETSUYA OTAKI,YASUSHI MASUDA,YOSHIHIRO TAKATSU,TAKUYA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         YASUKO TERAO, YASUSHI SHINTANI, SHUJI HINUMA
C07K14/47, C07K14/705, C12N15/12, C12P21/02, C07K16/18, A61K67/027,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism='Artificial
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                            /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Pred. No. 4.4e+02;
0; Mismatches 4
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AR020878/c
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Sequence
AR020878
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Sequence 85 from patent US
AR027201
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Ryals, J.A., Friedrich, L.B., Uknes, S.J. and Ward, E.R.
Method of inducing gene transcription in a plant
Patent: US 5789214-A 85 04-AUG-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent: US 5777200-A 85 07-JUL-1998;
Location/Qualifiers
                                                                                                                               1 (bases 1 to 30)
Ryals, J.A., Alexander, D.C., Goodman, R.M. and Ward, E. Method of protecting plants from comycete pathogens Patent: US 5856.54-A 85 05-JAN-1999;
Location/Qualifiers
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                                                                                                                                                                                              Unclassified.
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CTTATGTTTTTTTTTTTTTGAATT 5
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larity 84.6%;
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                                                                                            /organism="unknown"
/mol_type="unassigned DNA"
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Pred. No. 5.5e+02;
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Pred. No. 5.5e+02;
0; Mismatches 4
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Pred. No. 5.5e+02;
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AR038488/c
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AR067555/c
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AR038488
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          1 (bases 1 to 30)
Ryals,J.A. and Harms,C.
Process for isolating chemically regulatable DNA sequences
Patent: US 5851766-A 85 22-DEC-1998;
                                                                                                                                                                                                                                                                                                               1 (bases 1 to 30)
Ryals, J.A., Moyer, M.B., Payne, G.B. and DNA encoding .beta.-1,3-glucanases
Patent: US 5847258-A 85 08-DEC-1998;
Location/Qualifiers
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Gaffney,T.D., Ryals,J.A., Friedrich,L.B., U
Kessmann,H. and Vernooij,B.T.
Chemically regulatable and anti-pathogenic
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Pred. No. 5.5e+02;
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Ryals, J.A., Alexander, D.C., Beck, J.J., Duesing, J.H., Goodman, R.M., Friedrich, L.B., Harms, C., Meins, F. Jr., Montoya, A. deceased, Moyer, M.B., Neuhaus, J.-M., Payne, G.B., Sperisen, C., Stinson, J.R., Uknes, S.J., Ward, E.R. and Williams, S.C.
Chemically regulatable and anti-pathogenic DNA sequences and uses
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Ryals, J.A., Alexander, D.C., Beck, J.J., Duesing, J.H., Goodman, R.M., Friedrich, L.B., Harms, C., Meins, F. Jr., Montoya, A. deceased, Moyer, M.B., Neuhaus, J.-M., Payne, G.B., Sperisen, C., Stinson, J.R., Uknes, S.J., Ward, E.R. and Williams, S.C.
Chemically regulatable and anti-pathogenic DNA sequences and uses
                            . Similarity
22; Conserv
                                                                                                                            Patent: US 5650505-A 85 22-JUL-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent: US 5614395-A 85 25-MAR-1997;
Location/Qualifiers
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Pred. No. 5.5e+02;
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Meins, F. Jr., Shinsland Sperisen, C.
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AR409723
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Ryals, J.A., Beck, J.J. and Friedrich, L.B.
Chemically inducible promoter of a cucumber
Patent: US 5654414-A 85 05-AUG-1997;
Location/Qualifiers
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Ryals, J.A., Friedrich, L.B., Uknes, S.J. and
Chemically inducible promoter of a plant PF
Patent: US 5689044-A 85 18-NOV-1997;
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/mol_type="unassigned DNA"
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Best Local Similarity 84.6%;
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Patent: 1
                                                                                                                                                                                                                                    30 bp
Sequence 8 from Patent WO0196380
AX364711
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Oligonuclectides for the amplification and detection of ep
barr virus (ebv) nucleic acid
Patent: WO 994515-A 36 10-SEP-1999;
MIDDELDORP JAAP MICHIEL (NL); AKZO NOBEL NV (NL); DEN BRUI
ADRIANUS JOHANNES CH (NL); VERVOORT MARCEL BARTOLINA HEND
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Sequence 36 from Patent WO9945155.
AX018477
                                                                                      Potter, A.A., Bolton, A.J. and Song, X.M. Immunization of dairy cattle with mig Patent: WO 0196380-A 8 20-DEC-2001; The University of Saskatchewan (CA) Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Human herpesvirus 4 (Epstein-Barr virus)
Human herpesvirus 4
Viruses; daSNA viruses, no RNA stage; Herpesviridae;
Gammaherpesvirinae; Lymphocryptovirus.
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Human herpesvirus
/mol_type="unassigned DNA"
/db_xref="taxon:10376"
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                                       /mol_type="unassigned
/db_xref="taxon:32630"
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                         'note="primer mig-7"
                                                               organism="synthetic construct"
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OS Epstein-barr virus
PN JP 2002505122-A/36
PD 19-FEB-2002
PF 01-MAR-1998 EP 98200555.3,14-DEC-1998 EP 98 ARCEL BARTOLINA HENDRIKUS JOHANNES VERVOORT, PI A JOHANNES CHRISTIAAN VAN DEN BRULE JAAP MICHIEL PI PC C12N15/09,C12Q1/68,C12Q1/70,C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Oligonnon-
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Boekenkamp,D., Dieck,T.H. and Hoppe,H. Method for sorting single-stranded nuc Patent: WO 03072818-A 8 04-SEP-2003; Degussa Bioactives GmbH (DE)
                                                                                                     synthetic construct synthetic construct
                                                                                                                                                                         Sequence 8
AX825110
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Human herpesvirus 4
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BD136938.1 GI:23231883
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                                                                                     artificial sequences.
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/mol_type="genomic DNA"
/db_xref="taxon:10376"
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from Patent W003072818.
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Pred. No. 5.5e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                               synthetic construct synthetic construct
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AX825116
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
sequenz:Capture-Oligonukleotid"
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Sequenz:Capture-Oligonukleotid"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
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/mod_base=OTHER
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mod_base=OTHER
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'mod_base=OTHER
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mod_base=OTHER
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(mod_base=OTHER
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Sequence 15 from Patent W003072818.
AX825117 GI:39750846
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/mod_base=OTHER
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sequenz:Capture-Oligonukleotid"
                                                       /note="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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ch 0.3%; Score 19.4; DB 1; Length 21; 1 Similarity 95.2%; Pred. No. 3.3e+02; 20; Conservative 0; Mismatches 1; Indels
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AX825126
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24 from Patent WO03072818
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Boekenkamp,D., Dieck,T.H. and Hoppe,H.U. Method for sorting single-stranded nucle: Patent: WO 03072818-A 40 04-SEP-2003; Degussa Bioactives GmbH (DB)

Location/Qualifiers
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/noce="Beschreibung der kuenstlichen
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46 from Patent WO03072818.
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/mod_base=OTHER
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/mod_base=OTHER
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                                note="LNA-T (Locked Nucleic Acid)"
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/mod_base=OTHER
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Best Local Similarity 95.2%;
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Sequence 48 from Patent WO03072818.
AX825150
AX825150.1 GI:39750879
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Location/Qualifiers
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Sequenz:Capture-Oligonukleotid"
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artificial sequences.
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Pred. No. 3.3e+02
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AX825154
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20; Conserv
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/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
                                                                    /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
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/mod_base=OTHER
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/mod_base=OTHER
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Pred. No. 3.3e+02;
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Sequence 58 from Patent
AX825160
                         Boekenkamp, D., Dieck, T.H. and Hoppe, H.U
Method for sorting single-stranded nucle
Patent: WO 3077818-A 60 04-SEP-2003;
Degussa Bioactives GmbH (DE)
                                                                                                       synthetic construct synthetic construct artificial sequences.
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llarity 95.2%;
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/mol_type="unassigned DNA"
/mbxref="taxon:32630"
/noTe="Beschreibung der kuenstl
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/mod_base=OTHER
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              Location/Qualifiers
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HITACHI LTD
OS None
OC Artificial sequences.
PN JP 1997149799-A/1
PD 10-JUN-1997
PF 30-NOV-1995 JP 1995311949
PF 30-NOV-19
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E13209
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JP 1997149799-A/1.
unidentified
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Kanbara, H., Okano, K. and Uematsu, K.
KANDARS, OR DETECTION OF NUCLEIC ACID AND ANALYSER OR INSPECTION
DEVICE OF NUCLEIC ACID
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JP 1997149799-A/1
10-JUN-1997
30-NOV-1995 JP 1995311949
KANBARA HIDEKI, OKANO KAZUNOBU, UEMATSU KAZUMUNE PC (68,C07H21/04,C12M1/00,C12N15/09,C12Q1/44,C12Q1/48,
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/note="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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Location/Qualifiers
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/mod_base=OTHER
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Pred. No. 3.3e+02;
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Sequence 53:
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artificial sequences.
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Human angiomotin-like protein 1
Patent: WO 03037931-A 534 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                           Homo sapiens (human)
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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llarity 95.2%;
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AX754190.1 GI:32166887
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Human angiomotin-like protein 1
Patent: WO 03037931-A 535 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
Location/Qualifiers
           Human angiomotin-like protein 1
Patent: WO 03037931-A 537 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
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20; Conserv
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Patent: WO 03037931-A 536 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
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Mammalia; Eutheria; Primates;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
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Pred. No. 4.4e+02;
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Pred. No. 4.4e+02;
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 03037931-A 539 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
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Sequence 539 from Patent
AX754192
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Patent: WO 03037931-A 538 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
Location/Qualifiers
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Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 95.2%;
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/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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95.2%; Pred. No. 4.4e+02;
ative 0; Mismatches 1
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                                                               Score 19.4; DB 1;
Pred. No. 4.4e+02;
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Pred. No. 4.4e+02;
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AX588109
AX588109.1
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Sequence
AR431308
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Method for the preferential nucleic acid synthesis reaction or more selected regions of one or more target nucleic acids Patent: WO 02086155-A 15 31-OCT-2002;

LION Bioscience AG (DE)
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20; Conserv
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Method of blocking amplification of selected sequences
Patent: EP 1253205-A 15 30-OCT-2002;
LION Bioscience AG (DE)
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 5.3e+02;
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AX300969
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CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 24)
Vaisberg, E.A., Adams, C.L., Sabry, J.H. and Crompton, A.
Database system including computer code for predictiv
                                                                            Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins
                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                                                             Homo sapiens
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Location/Qualifiers
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/db_xref="taxon:32630"
/organism="Homo sapiens"
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Pred. No. 4.8e+02
7; Mismatches
                                                   05-FEB-2003;
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Sequence 10
AR371171
AR371171.1
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AX692828
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Bee venom protein and gene encoding Patent: US 6395306-A 10 28-MAY-2002;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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llarity 87.5%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
                                                                                             /organism="unknown"
/mol_type="genomic DNA"
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Pred. No. 4.8e+02;
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RESULT 439

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Radiolabeled DNA oligonucleotide and
Patent: US 5821354-A 1 13-OCT-1998;
Location/Qualifiers
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Sequence 4 from Patent WO9747636.
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Unclassified.
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Fluorescence based nuclease assay Patent: US 6127124-A 1 03-OCT-2000, Location/Qualifiers
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Sequence 1 from patent US
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
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RESULT 444
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminoxy-modified oligonuclectides
Patent: US 6127533-A 21 03-OCT-2000;
Location/Qualifiers
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 20 03-OCT-2000;
Location/Qualifiers
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/mol_type="unassigned DNA"
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100.0%; Pred. No. 3.3e+02;
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Cook, P.Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 23 03-OCT-2000;
Location/Qualifiers
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 22 03-OCT-2000;
Location/Qualifiers
                                                                                           1 (bases 1 to 19)
Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 24 03-OCT-2000;
                                                                                                                                                      Unknown
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h 0.3%; Score 19; DB Similarity 100.0%; Pred. No. 3.: 19; Conservative 0; Mismatches
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                                             /organism="unknown"
/mol_type="unassigned DNA"
                                                                                 Location/Qualifiers
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/mol_type="unassigned
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AR111953
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Sequence 27 from patent US 6127533.
AR111953
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonuclectides
Patent: US 6127533-A 26 03-OCT-2000;
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Sequence 26 from patent US 6127533.
AR111952
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 25 03-OCT-2000;
Location/Qualifiers
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Sequence 25 from patent
AR111951
AR111951.1 GI:12828799
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(bases 1 to 19)
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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AR111959
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 33 03-OCT-2000;
Location/Qualifiers
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Cook, P.Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 31 03-OCT-2000;
Location/Qualifiers
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2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 27 03-OCT-2000;
Location/Qualifiers
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AR111957
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100.0%; Pred. No. 3.3e+02;
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AR124843
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AR111970
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Matches 19; Conserv
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Sequence 34
AR111960
AR111960.1
                                                                                                                           Sequence 20
AR124843
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 44 03-OCT-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 44
AR111970
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonuclectides
Patent: US 6127533-A 34 03-OCT-2000;
                                                                                                                                                 AR124843
                               1 (bases 1 to 19)
Mancharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
Aminooxy-modified oligonuclectides and methods for making
Patent: US 6172209-A 20 09-JAN-2001;
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                     Location/Qualifiers
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Manoharan,M., Cook,P.Dan., Prakash,T.P.
Aminooxy-modified oligonucleotides and m
Patent: US 6172209-A 22 09-JAN-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 (bases 1 to 19)
Manoharan, M., Cook, P.Dan., Prakash, T.P.
Aminooxy-modified oligonucleotides and
Patent: US 6172209-A 21 09-JAN-2001;
Location/Qualifiers
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Manoharan, M., Cook, P.Dan., Prakash, T.P. and Kawasaki, A.M.
Aminooxy-modified oligonucleotides and methods for making
Patent: US 6172209-A 24 09-JAN-2001;
Location/Qualifiers
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AR124847
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Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.

Aminooxy-modified oligonucleotides and methods for making

Patent: US 6172209-A 23 09-JAN-2001;

Location/Qualifiers
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Manoharan, M., C
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Manoharan, M. Cook, P. Dan., Prakash, T.P. and Kawasaki, A.M. Aminooxy-modified oligonucleotides and methods for making Patent: US 6172209-A 26 09-JAN-2001;
Location/Qualifiers
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Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
Aminooxy-modified oligonuclectides and methods for making
Patent: US 6172209-A 27 09-JAN-2001;
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Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kawasaki,A.M.
Aminooxy-modified oligonuclectides and methods for making same
Patent: US 6172209-A 34 09-JAN-2001;
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Sequence 34 from patent US
AR124857
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Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kaw
Manoharan,M., Cook,P.Dan., Prakash,T.P. and Kaw
Aminooxy.modified oligonucleotides and methods
Patent: US 6172209-A 33 09-JAN-2001;
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru. Aminooxy-modified oligonucleotide synthetic inte Patent: US 6194598-A 20 27-FBB-2001;
Location/Qualifiers
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1 (bases 1 to 19)

Manoharan,M., Cook,P.Dan., Prakash,T.P.
Aminooxy-modified oligonucleotides and m
Patent: US 6172209-A 44 09-JAN-2001;
                                1 (bases 1 to 19)
Cook, P.Dan., Manoharan, M. and Kawasaki, A.Mamoru.
Aminooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194598-A 21 27-FEB-2001;
Location/Qualifiers
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194598-A 23 27-FEB-2001;
Location/Qualifiers
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Cook, P.Dan., Manoharan, M. and Kawasaki, A. Mamoru.

Cook, P.Dan., Manoharan, M. and Kawasaki, A. Mamoru.

Aminooxy-modified oligonucleotide synthetic intermediates

Patent: US 6194598-A 22 27-FEB-2001;

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Cook, P.Dan., Manoharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonucleotide synthetic inte
Patent: US 6194598-A 26 27-FEB-2001;
Location/Qualifiers
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonuclectide synthetic intermediates
Patent: US 6194598-A 24 27-FEB-2001;
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Cook, P.Dan., Mancharan, M. and Kawasaki, A. Mamoru. Aminooxy-modified oligonucleotide synthetic interpatent: US 6194598-A 25 27-FEB-2001;
Location/Qualifiers
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1 (bases 1 to 19)
Cook, P.Dan., Manoharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonucleotide synthetic intermediates
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                                          Unclassified.
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/mol_type="unassion"
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Cook, P.Dan., Mancharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonucleotide synthetic inte
Patent: US 6194598-A 44 27-FEB-2001;
                                                                                                                                                                                   Unknown
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Cook, P.Dan., Mancharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonucleotide synthetic inte
Patent: US 6194598-A 34 27-FEB-2001;
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/mol_type="unassign
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AR164173
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                                                                                                       Sequence 6 from patent 0
AR164173
AR164173.1 GI:16235162
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Heller, M.J., Tu, E., Ev
Methods for transport
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Manoharan, M., Kawasaki, A.M., Cook, P.Dan., Fraser, A.S.
Prakash, T.P.
                                   1 (bases 1 to 19)
Manoharan,M., Mohan,V. and Boswell,H.
RNA targeted 2'-modified oligonucleotides that are
                                                                                                                                                                                                                                                                                           Patent: US 6238624-A 16 29-MAY-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                         Unknown.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2'-O-acetamido modified monomers and oligomers
Patent: US 6147200-A 4 14-NOV-2000;
                                                                  Unknown.
Unclassified.
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                   US 6271358-A 6 07-AUG-2001;
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/mol_type="unassigned DNA"
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rt in molecular biological and
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synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 19)
Manoharan,M. and Mohan,V.
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Oligonucleotides having A-DNA
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1 (bases 1 to 19)
Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and
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Oligonucleotides having A-DNA
                                                                         BD274439.1 GI:33084207 JP 2002543215-A/16.
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JP 2002543215-A/15.
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3' - O-MOE linkage
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Artificial Sequence
JP 2002543215-A/15
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Conservative 0; Mismatches
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C07H21/02, A61K48/00, A61P35/00, A61P35/02, A61P43/00, C12N15/09,
C12N15/00
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03-MAY-2000 JP 2000615638
03-MAY-1999 US 09/303586
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                                                                                                                                                                                                                                                                                                                                                      /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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feature (17)..(18)
feature (18)..(19).
Location/Qualifiers
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/mol_type="unassigned DNA"
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Pred. No. 3.3e+02;
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B-DNA form confirmational
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Patent: JP 2002543215-A 16 17-DEC-2002;
ISIS PHARMACEUTICALS INC
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synthetic construct
artificial sequences.
1 (Dases 1 to 19)
Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA
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JP 2002543215-A/17.
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Key Location/Qualifiers misc_feature (15)...(16) misc_feature (16)...(17) misc_feature (17)...(18) misc_feature (18)...(19) misc_feature (18)...(19)...
Location/Qualifiers
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S PHARMACEUTICALS INC
Artificial Sequence
JP 2002543215-A/17
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2' - O-MOE linkage
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03-MAY-2000 JP 2000615638
03-MAY-1999 US 09/303586
MUTHIAH MANCHARAN, MENKATEAMAN MOHAN
C07H21/02, A61K48/00, A61P35/00, A61P35/02, A61P43/00, C12N15/09,
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Artificial Sequence
JP 2002543215-A/16
                                                                                                Oligonucleotide
sub O linkage
3' - O-MOE linkage; sub O linkage
3' - O-MOE linkage; sub O linkage
3' - O-MOE linkage; sub O linkage
3' - O-MOE linkage
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MUTHIAH MANOHARAN, VENKATRAMAN MOHAN
CC7H41/02, A61K48/00, A61P35/00, A61P35/02, A61P43/00, C12N15/09,
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/mol_type="genomic DNA"
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Oligonucleotides having geometry.
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ISIS PHARMACEUTICALS INC
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Mancharan, M. and Mohan, V.
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03-MAY-1999 US 09/303586
MUTHIAH MANOHARAN, VENKARRAMAN MOHAN
C07H21/02,A61K48/00,A61P35/00,A61P35/02,A61P43/00,C12N15/09,
C12N15/00
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Manoharan,M. and Mohan,V.
Oligonucleotides having A-D
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Manoharan,M. and Mohan,V.
Oligonucleotides having A
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03-MAY-1999 US 09/303586
MUTHIAH MANOHARAN, YENKATRAMAN MOHAN
C07H21/02,A61K48/00,A61P35/00,A61P35/02,A61P43/00,C12N15/09,
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/mol_type="unassigned DNA"
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/mol_type="genomic DNA"
/db_xref="taxon;32630"
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Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA form conformational
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Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and
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Sequence 16 from patent
AR205799
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Manoharan, M. and Mohan, V.
Oligonucleotides having A-DNA form
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/mol_type="unassigno
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AR213490
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Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and
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Rewasaki A.M., Fraser, A.S., Manoharan, M.,
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/mol_type="unassigned DNA"
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/mol_type="genomic DNA"
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100.0%; Pred. No. 3.3e+02;
. Mismatches 0;
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AR213491.1
                                   Unclassified.
1 (bases 1 to 19)
Kawasaki, A.M., Fraser, A.S., Manoharan, M.,
Prakash, T.P.
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Prakash,T.P.
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Prakash,T.P.
             Regioselective synthesis of 2'-O-modified Patent: US 6403779-A 4 11-JUN-2002;
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/mol_type="genomic |
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Sequence 6 from patent US
AR213495
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Kawasaki, A.M., Fraser, A.S., Manoharan, M.,
Prakash, T.P.
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Rawseski, A.M., Fraser, A.S., Manoharan, M., Cook, P.D. and
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Prakash,T.P.
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Prakash,T.P.
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Kawasaki, A.M., Fraser, A.S., Manoharan, M.,
Prakash, T.P.
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AR213496
                           Regioselective synthesis of 2'-O-modified nucleosides Patent: US 6403779-A 12 11-JUN-2002; Location/Qualifiers
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llarity 100.0%; Pred. No. 3.3e+02;
Conservative 0; Mismatches 0;
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/mol_type="genomic DNA"
/organism="unknown"
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Location/Qualifiers
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                                                                                                                                                                                                                                                                      Unclassified.
1 (bases 1 to 19)
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1 (bases 1 to 19)
Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Prakash,T.P.
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/mol_type="genomic DNA"
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Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and Prakash,T.P.
                                                                      Guzaev, A.
                                                                               1 (bases 1 to 19)
Ravikumar, V.T., Manoharan, M., Capaldi, D.C., Krotz, A.,
                                                                                                                    Unknown
                                                                                                                                                                   Sequence 1
AR237463
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Kurz,M., Lohse,P. and Wagner,R.

Peptide acceptor ligation methods

Patent: US 6429300-A 25 06-AUG-2002;
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                                 for the synthesis of oligomeric compounds US 6465628-A 1 15-OCT-2002; Location/Qualifiers
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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_type="genomic DNA"
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AR359805
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Sequence
AR359804
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Manoharan, M., Cook, P.D., Prakash, T.P. a
Guanddinium functionalized nucleotides
Patent: US 6593466-A 3 15-UTL-2003;
Location/Qualifiers
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Baxter,A.D., Collingwood,S.P., Douglas,M.
Oligonucleotide analogues
Patent: US 6562960-A 10 13-MAY-2003;
Location/Qualifiers
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Manoharan,M., Cook,P.D., Prakash,T.P. and Mohan,V.

Guanidinium functionalized nucleotides and precurs

Patent: US 6593466-A 4 15-JUL-2003;

Location/Qualifiers
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Manoharan,M., Cook,P.D., Prakash,T.P. and Mohan,V.
Guanidinium functionalized nucleotides and precure
Patent: US 6593466-A 5 15-JUL-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Unknown
                                                                                      1 (bases 1 to 19)
Collingwood, S.P., Moser, H.E., Altmann, K.-H. and Douglas, M.E. Intermediates for oligonucleotide synthesis
Patent: US 6329519-A 4 11-DEC-2001;
Location/Qualifiers
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100.0%; Pred. No. 3.3e+02;
vactive 0; Mismatches 0;
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100.0%; Pred. No. 3.3e+02;
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Kawasaki, A.M.,
Prakash, T.P.
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Crooke,S.T., Lima,W.F., Wu,H. and Monoharan,M.
Human Rnase H1 and oligonucleotide compositions thereof
Patent: US 6617442-A 17 09-SEP-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                      1 (bases 1 to 19)
Crooke,S.T., Lima,W.F., Wu,H. and Monoharan,M.
Human Rnase H1 and oligonucleotide compositions thereof
Patent: US 6617442-A 18 09-SEP-2003;
Location/Qualifiers
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 Regioselective
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/mol_type="genomic DNA"
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Kawasaki,A.M., Fraser,A.S.,
Prakash,T.P.
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Prakash,T.P.
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Prakash,T.P.
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Sequence 5 from patent US
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Kawasaki, A.M., Fraser, A.S., Manoharan, M.,
Prakash, T.P.
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Patent: US 6624294-A 4 23-SEP-2003;
Location/Qualifiers
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Kawasaki, A.M., Fraser, A.S., Manoharan, M.,
Prakash, T.P.
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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Kawasaki, A.M., Fraser, A.S., Mancharan, M.,
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Sequence 8 from patent US
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Rawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
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           Regioselective synthesis of 2'-O-modified Patent: US 6624294-A 15 23-SEP-2003;
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Kawasaki, A.M., Fraser, A.S., Manoharan, M.,
Prakash, T.P.
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AR403623
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Cook, P.D., Manoharan,M., Maier,M. and An,H.
C3'-methylene hydrogen phosphonate oligomers
Patent: US 6639061-A 1 28-OCT-2003;
Location/Qualifiers
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Prakash,T.P.
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/mol_type="genomic
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/mol_type="genomic |
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19 bp DNA linear PAT 27-AUC Self-masembling microelectronic integration system capable of designating self address, compartment device, mechanism, methoperation for molecular biological analysis and diagnosis.

BD087505

BD087505.1 GI:22633115

JP 2001525193-A/16.
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Method for qualitative and/or quantitative detecting of molecular interactions on probe arrays
Patent: WO 0202810-A 33 10-JAN-2002;
Clondiag Chip Technologies GmbH (DE)
Location/Qualifiers
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Manoharan,M., Cook,P.D. and Guinoss
Modified oligonucleotides
Patent: US 6633458-A 6 25 NOV-2003;
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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PC C12Q1/68,C12N15/09,C12N15/00
CC Description of Artificial Sequence: Amconjugate to provide
CC reactivity
CC with dyes
FH Key
FT source
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NANOGEN INC
OS Artificial Sequence
PN JP 2001525193-A/16
PD 11-DEC-2001
PP 01.DEC-1997 US 08/986065
PR 05-DEC-1997 US 08/986065
PR NONALD G SOSNOWSKI, WILLIAM F BUTLER, EUGENE TU, MICHAEL I
                                                                                                                    PF 22-DEC-1998 JF 2000525562

PR 22-DEC-1997 US 08/996306,09-SEP-1998 US 60/099658 PI

ANTIEL COHEN,MARTA BLUMENFELD,ILYA CHUMAKOV,LYDIE BOUGUELERET PC
C12N15/09,C12N15/09,A01K67/027,C07K14/47,C07K16/18,C12N1/15, PC
C12N1/19,
PC C12N1/21,C12N5/10,C12N5/10,C12P21/08,C12Q1/68,G01N33/50 PC
C12N15/00,C12N5/00,
PC C12N15/00,C12N15/00
CC potential microsequencing oligo for 4-4-187.mis2 FH Key
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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JP 2002516657-A/489
11-JUN-2002
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/organism="Homo sapiens'
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/mol_type="genomic DNA"
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Dest Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 19; Conservative 0; Mismatches 0;
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                        Sequence 32
AR140557
AR140557.1
                                                                                                                                                                                                                                                             1 (bases 1 to 20)
Zsebo, K.M., Bosselman, R.A., Suggs, S.V. and Martin, F.
Method for enhancing the effciency of gene transfer
factor (SCF) polypeptide
Patent: US 6207454-A 32 27-MAR-2001;
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2 Seebo, K.M., Bosselman,R.A., Suggs,S.V.
DNA encoding stem cell factor
Patent: US 6207417-A 32 27-MAR-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                      Sequence 32 from patent US AR140279
                                                            AR140557
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1 Similarity 100.0%; Pred. No. 3.9e+02;
19; Conservative 0; Mismatches 0;
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Zsebo, K.M., Bosselman, R.A., Suggs, S.V.
Stem cell factor and compositions
Patent: US 6207802-A 32 27-MAR-2001;
Location/Qualifiers
                                                                                                                 Massively parallel sequencing of sorted polynucleotides Patent: US 5695934-A 23 09-DEC-1997; Location/Qualifiers
                                                                                                                                                      1 (bases 1 to 21)
Brenner, S.
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19; Conserv
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/mol_type="unassigned
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Location/Qualifiers
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Sequence 18 from Patent W003072818.
AX825120
AX825120.1 GI:39750849
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                                              Boekenkamp,D., Dieck,T.H. and Hoppe,H.U. Method for sorting single-stranded nucleic acids Patent: WO 03072818-A 18 04-SEP-2003; Degussa Bioactives GmbH (DE)
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organism="synthetic construct"
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/mol_type="unassigned DNA"
/more="Beschreibung der kuenstlichen
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Local Similarity 100.0%; Pred. No. 3.9e+02;
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Location/Qualifiers
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Sequenz:Capture-Oligonukleotid"
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/noce="Beschreibung der kuenstlichen
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                note="LNA-T (Locked
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/note="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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/note="Beschreibung der kuenstlichen
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Location/Qualifiers
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 /note="LNA-T (Locked Nucleic Acid)"
/mod_base=OTHER
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/mod_base=OTHER
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Sequenz:Capture-Oligonukleotid"
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/note="Beschreibung der kuenstlichen
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/mod_base=OTHER
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synthetic construct synthetic construct
                                                         Sequence 59 from Patent WO03072818. AX825161
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/mod_base=OTHER
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/moTe="Beschreibung der kuenstlichen
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PAT 11-DEC-2003

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RESULT 543 AX825153

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Mammalis; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 22)

Shimada,K.

Method of comparison and detection of RNA amount and DNA amount
UNITECH CO LTD

OS Homo sapiens (human)
PN JP 2001333800-A/1
PD 04-DEC-2001
PP 30-MAY-2000 JP 2000160324
PI KAORI SHIMADA
PC C1201/68,C12N15/09,G01N33/50,C12N15/00
CC Method of comparison and detection of RNA amount and DNA CC
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/organism="Homo sapiens"
                    /organism='Homo sapiens
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/db_xrefe="taxon:32630"
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                             KOJIRO TAKAHASHI
OS Artificial Sequence
PN WO 0155365-A/1
PD 02-AUG-2001
PF 24-JAN-2001 WO 2001JP
PR 27-JAN-2000 JP 00P
PI MICHIFUMI TANGA, HIROS
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synthetic construct
artificial sequences.

1 (bases 1 to 24)
1 (bases 1 to 24)
1 (bases 1 to 24)
2 Tanga,M., Okamura,H., Takagi,K. and Takahashi,K.
Support for immobilizing nucleotide and process for producing the Patent: WO 0155365-A 1 02-AUG-2001;
TOYO KOHAN CO LTD,MICHIFUMI TANGA,HIROSHI OKAMURA,KENICHI TAKAGI,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Means and methods for identifying genes and proteins involved
the prevention and/or repair of a replication error
Patent: WO.02095071-A 31 28-NOV-2002;
Koninklijke Nederlandse Akademie van Wetenschappen (NL)
Location/Qualifiers
                                                                                                                                                                                                                                                                                         WO 0155365-A/1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Plasterk, R.H.
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Similarity 95.0%;
19; Conservative
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ilarity 100.0%;
Conservative (
                                               MICHIFUMI TANGA, HIROSHI OKAMURA, KENICHI TAKAGI, KOJIRO
Support
C12N15/10,C07H21/04//G01N33/50,C12Q1/68
Support for immobilizing nucleotide and
                                                                24-JAN-2001 WO 2001JP000443
27-JAN-2000 JP 00P 019301
                                                                                                                                                                                                                                                                                                                                                    for immobilizing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /note="sequence to demonstrate the principle of how to detect somatic repeat instability-##N# stands for any number of nucleotides selected from A, C, T or G^{\mu}"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 4.9e+02;
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   process for producing
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BD161931
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SOURCE
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                                                  ORGANISM
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Patent: JP 2002191369-A 8 09-JUL-2002;

L Patent: JP 2002191369-A 8 09-JUL-2002;

TOYO KOHAN CO LTD, KOJIRO TAKAHASHI

OS Artificial Sequence
PN JP 2002191369-A/8

PD 09-JUL-2002

PF 27-DEC-2000 JP 2000399573

PI MICHLFUMI TANGA, HIROSHI OKAMURA, KOJIRO TAKAHASHI PC CI2N15/09, C12N15/09, C12N15/0
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artificial sequences
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Sequence 4 from Patent W00198539,
AX454028
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1 (Dases 1 to 24)

Tanga,M., Okamura,H. and Takahashi,K.

Method for carrying out thermal cycle of PCR using DNA-immobilized
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                                               synthetic construct
synthetic construct
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JP 2002191369-A/8.
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Method for carrying out thermal cycle of PCR using DNA-immobilized
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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/mol_type="genomic DNA"
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100.0%; Pred. No. 4.9e+02;
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AUTHORS
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VERSION
KEYWORDS
SOURCE
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AR050239
LOCUS
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ORGANISM
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AR072974/c
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AR050239
   22;
                                                                                                                1 (bases 1 to 28)
Jarvik, J.W.
                                                                                                                                                                                                 Sequence 11 from patent AR072974
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                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 26)
Webb, B. Allen. and Cui, L.
Wiral and insect genes that inhibit the immune
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gene markers for lung cancer
Patent: WO 0198539-A 4 27-DEC-2001;
Hitachi Chemical Co., Ltd. (JP) ; HITACHI CHEMICAL RESEARCH CENTER,
INC. (US) ; Hitachi, Ltd. (JP)
                                                                                                                                                                                                                                                                                                                                                                                                              Patent: US 5827518-A 8 27-OCT-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unknown
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                                                                                              Patent:
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                                                                                                        Reading
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              Similarity
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   Conservative
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                                            /organism="unknown"
/mol_type="unassigned
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                                                                                                                                                                                                                                                                                                                                                                                        organism="unknown"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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rearive 0; Mismatches
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5.2e+02;
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                                                                                                                                                                             Primer single-stranded DNA, process for preparing double-stranded cDNA by using the same and process for amplifying one side Patent: JP 2001204472-A 5 31-JUL-2001;
SUMITOMO ELECTRIC INDUSTRIES LTD
OS ARTELICIAL Sequence
PN JP 2001204472-A/5
PD 31-JUL-2001
PF 21-JAN-2000 JP 2000012535
PI TAKESHI NAKAMURA
PC C12N15/09,C12P19/34,G01N33/50//C12Q1/68,C12N15/00 CC PCR
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Method for identifying peptides that can be specifically cleaved and the use of peptide sequences of this type
Patent: WO 0216574-A 10 28-FEB-2002;
Xzillion GmbH & CO.KG (DE)
Location/Qualifiers
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BD015304.1 GI:22556442
JP 2001204472-A/5
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                                                               /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                               Location/Qualifiers.
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/mol_type="unassigned RNA"
/db_xref="taxon:32630"
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Sequence 72 from Patent WO0151665.
AX196241
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Sequence 72 from Patent
AX440142
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Nanoparticles having oligonucleotides attached thereto and
                                                                                                                                                                                                                Patent: WO 0173123-A 72 04-OCT-2001; Nanosphere, Inc. (US)
                                                                                                                                                                                                                                                          Nanoparticles having oligonucleotides attached thereto and
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                                                                                                                   /organism="synthetic construct"
/mol_type="unassigned_DNA"
/db_xref="taxon:32630"
/noTe="random_synthetic_sequence"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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71.4%; Pred. No. 8.7e+02;
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l Similarity 71.4%;
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25; Conservative
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Sequence 72 from Patent W00246472.
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AX556141.1 GI:25899523
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Nanosphere, Inc. (US)
Location/Qualifiers
 synthetic construct synthetic construct
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                                                 AX556146.1 GI:25899528
                                                              Sequence 77 from Patent AX556146
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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from Patent WO0218643.
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Pred. No. 8.7e+02;
0; Mismatches 10; Indels
                                                                            35 bp
WO0246472.
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AR084981
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Best Local Similarity 71.4%;
Matches 25; Conservative
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Best Local Similarity
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                                                                                                                                                                                   Sequence
AR084981
                                           1 (bases 1 to 23)
Ullrich,A. and Vogel,W.
PTP 1D: a novel protein tyrosine pho
Patent: US 5981251-A 15 09-NOV-1999,
                                                                                                                      Unknown
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Sequence 120 from Patent WO0200860.
AX360164
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                                                                                                                                                                                                                   AR084981
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sugen, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Homo sapiens
                                                                                                       Unclassified.
                                                                                                                                         Unknown
                                                                                                                                                                    AR084981.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                   Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/organism="unknown"
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|mol_type="unassigned DNA"
|db_xref="taxon:32630"
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PAT 13-FEB-2002

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BD245238/c
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BD245234/c
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BD245238.1 GI:33055008
JP 2002532386-A/24.
synthetic construct
synthetic construct
in synthetic construct
artificial sequences.
I (bases I to 23)
Hartwich,G. and Heller,A.
Method of electrochemically detecting nucleic aci
Patcent: JP 2002532386-A 24 02-OCT-2002;
PRIZ BIOCHEM GMBH
OS Artificial Sequence
PN JP 2002532386-A/24
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Method of
BD245238
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l Similarity 90.9%;
20; Conservative
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OS Artificial Sequence
N JP 2002532386-A/20
PD 02-OCT-2002
PF 19-NOV-1999 JP 2000583928
PF 23-NOV-1998 DE 198 53 957.6,29-APR-1999 DE 199 21 940.0 PI
GERHARD HARTWICH,ADAM HELLER
PC C07H21/00,C07H21/02,C07H21/04,C12N15/09,C12Q1/68,G01N27/12,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PC
G01N27/416,G01N27/48,G01N33/483,G01N33/50,G01N33/566,C12N15/00,G01N27/46
CC Method of electrochemically detecting nucleic acid FH Key
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BD245234
BD245234.1 GI:33055004
JP 2002532386-A/20.
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synthetic construct
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1 (bases 1 to 23)
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 4.9e+02;
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Pred. No. 4.9e+02;
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OS Artificial Sec
PN JP 2002532386-
PD 02-OCT-2002
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Method of electrochemically d
BD245242
BD245242.1 GI:33055012
JP 2002532386-a/^^
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CC Method
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1 (bases 1 to 23)

Hartwich,G, and Heller,A.

Method of electrochemically detecting nucleic acid
Patent; JP 2002532386-A 28 02-OCT-2002;
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PR 23-NOV-1998 DE 198 53 957.6,29-APR-1999 DE 199 21 940.0 PI
GERHARD HARTWICH,ADAM HELLER
PC C07H21/00,C07H21/02,C07H21/04,C12N15/09,C12Q1/68,G01N27/12,
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PR 23-NOV-1998 DE 198 S3 957.6,29-APR-1999 DE 199 21 940.0 PI
GERHARD HARTWICH, ADAM HELLER
PC C07H21/00,C07H21/02,C07H21/04,C12N15/09,C12Q1/68,G01N27/12,
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G01N27/416,G01N27/48,G01N33/483,G01N33/50,G01N33/566,C12N15/00,
                                                                      Similarity
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JP 2002532386-A/28
02-OCT-2002
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                                                         Conservative
                                                                                                              /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                       Score 18.8; DB 1
Pred. No. 4.9e+02
0; Mismatches
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Pred. No. 4.9e+02
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AR306617
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OS P
                                                 synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 23)
1 (bases 1, Sakakibara, K., Tanaka, Y.,
Mizutani, M., Sakakibara, K., Tanaka, Y.,
                                                                                                                                                                                                                 N
                                                                                                                                                                                                                                                                                                                                                     Unclassified.

1 (bases 1 to 23)

Ullrich,A. and Vogel,W.
PTP 1D: a novel protein tyrosine phosphatase
Patent: US 6548641-A 15 15-APR-2003;
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                                                                                                                                   Novel glucosyltransferase
BD105197
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AR306617
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Ullrich,A. and Vogel,W.
PTP 1D: a novel protein tyrosine phosphatase
Patent: US 5589375-A 15 31-DEC-1996;
        NOVE1 glucosyltransferase gene
Patent: WO 0192509-A 3 06-DEC-2001;
INTERNATIONAL FLOMER DEVELOPMENTS PROPRIETARY LTD, MASAKO MIZUTANI,
KEIKO SAKAKIBARA, YOSHIKAZU TANAKA, TAKAAKI KUSUMI, EIICHIRO ONO
                                                                                                             BD105197.1 GI:22650771
WO 0192509-A/3.
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Pred. No. 4.9e+02;
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PC C12N15/09,C12N1
,C12N9/10,C12N9/10,
PC A01H5/00
CC Primer
FH Key
FT Source
FT
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                                                                                                        AX692821
Sequence
AX692821
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Location/Qualifiers
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Kool, E.T.
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            Shannon, M.,
                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; I
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                          Homo sapiens
                                                                                            AX692821.1
                                                                                                                                                                                                                                                                                                                                              binding domains
                                                                                                                                                                                                                                                                                                                                                          Stem-loop oligonucleotides containing
                                                                                                                                                                                                                                                                                                                                                                                                                    Unknown.
  Four
                                                                      Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                            Unclassified.
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Similarity 90.9%;
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01-JUN-2001 WO 2
02-JUN-2000 JP (
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                                                                                                                                                                                                                                                                                   /mol_type="unassigned
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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zinc-finger-containing
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Pred. No. 4.9e+02;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                               Aeomica,
                                                                                                          Patent: EP 1281758-A 5555 05-FEB-2003;
                                                                                                                                                    Shannon, M., Gu, Y. and Nguyen, C.T.
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Pred. No. 5.6e+02;
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Pred. No. 5.6e+02;
 Score 18.8;
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 DB 1;
Length 25;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 5561 from Patent
AX692829
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AX692824
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Four human zinc-finger-containing proteins :
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Similarity 90.9%;
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                                                                                                     /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 5.6e+02;
                                                               Score 18.8; DB 1
Pred. No. 5.6e+02
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Patent: JP 2001321190-A 2289 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGGENOTECHS
OS Artificial Sequence
PN JP 2001321190-A/2289
PD 20-NOV-2001
PF 12-NAR-2001 JP 2001068285
PI EIICHI SOEDA
PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/55
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JP 2001321190-A/2289.
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A method of arraying genome
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Mammalia; Eutheria; Primates;
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                                                                                                                                                             /organism='Artificial
Location/Qualifiers
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Pred. No. 5.6e+02;
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Sequence 10 from Patent WO9720924.
A63569
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Johnson, E.M. and Bergemann, A.D.
Cloning and expression of PUR protein
Patent: US 5756684-A 15 26-MAY-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent: WO 9720924-A 10 12-JUN-1997;
SAICOM S R L (IT)
Other publication IT MI952539 19970604
Other publication AU 1175497 19970627.
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AR136778
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124758
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ORGANISM
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Matches 20
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TITLE
JOURNAL
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                                                                                                                                                                                                                                             Sequence
I24758
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Pyun, K.-H., Choi, I., Kang, H.-S., Lee, J.-J. and Kim, Y.-H.
Method for inhibiting interleukin-6 production by admini
extracts from root of Stephania tetrandra
Patent: US 6162437-A 1 19-DEC-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence
AR136778
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Johnson, E.M. and Bergemann, A.D. Monoclonal antibodies to the pur protein Patent: US 5869622-A 15 09-FEB-1999;
ហ
                                            Similarity
20; Conserv
                                                                                                                                                         Unclassified.

1 (bases 1 to 26)

Johnson, B.M. and Bergmann, A.D.
                                                                                                                                                                                                                                                                                                                                                                       Similarity
20; Conserv
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                                                                                                                                                 Cloning
                                                                                                                                         Patent:
                                                                                                                                                                                                Unknown
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                     TGGACTTTTTTTTTTTTTT 4480
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TGCAGTTTTTTTTTTTTTTTTT 26
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llarity 90.9%;
Conservative
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                                                                                      /organism="unknown"
/mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /mol_type="unassigned DNA"
                                                                                                                                                                                                                                  GI:1604628
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                                                      90.38;
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                                            0
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                                            Score 18.8; DB 1;
Pred. No. 6e+02;
0; Mismatches 2;
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Pred. No. 6e+02;
0; Mismatches 2;
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6162437.
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DEFINITION
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VERSION
KEYWORDS
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AX839907/c
LOCUS
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AUTHORS
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ACCESSION
VERSION
KEYWORDS
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AX827015/c
LOCUS
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VERSION
KEYWORDS
SOURCE
ORGANISM
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AX184120
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TITLE
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Best Local
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Best Local Similarity
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                                    AX839907
Sequence 12 from
AX839907
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Ibd-related polymorphisms
Patent: WO 0142511-A 1873 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
Biotherapeutics Corporation (CA)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                Real-time nucleic acid detection processes and Patent: EP 134835-A 12 17-SEP-2003; Enzo Life Sciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                       synthetic construct synthetic construct
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Sequence 1873 from Patent
AX184120
                         AX839907.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                              AX827015.1
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                              /organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                    note="Description of Artificial Sequence: Primer"
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Patent EP1348713.
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Pred. No. 6e+02;
0; Mismatches
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Pred. No. 66
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synthetic construct

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RESULT 584
BD143816
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AUTHORS
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ORGANISM
RESULT 585
AX043092
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Best Local 9
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OS Artificial Se
PN JP 200213639
PD 14-MAY-2002
PF 02-NOV-2000
PI TOMOHIRO NAKU
PC C12N15/09,C11
G01N33/566,
PC C12N15/00,C11
CC Method of jue
CC Oligonucleot:
FH Key
FT source
FT source
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Method of judging hereditary factor of oligonucleotide to be used therein patent: JP 2002136291-A 6 14-MAY-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   synthetic construct
synthetic construct
artificial sequences.
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Method of judging hereditary factor of myocardial infarction
oligonucleotide to be used therein.
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                                                                                                                                       Similarity
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JP 2002136291-A/6.
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JP 2002136291-A/6
14-MAY-2002
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Method of judging hereditary factor of
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                                                                                                                       Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                  02-NOV-2000 JP 2000336676
                                                                                                                                                                                                                                     /organism='Artificial
Location/Qualifiers
                                                                                                                                                                                 /organism="synthetic construct"
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/mol_type="unassigned RNA"
/db_xref="taxon:32630"
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90.9%;
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Pred. No. 6.3e+02;
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Pred. No. 6e+02;
                                                                                                                       Mismatches
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REFERENCE
AUTHORS
TITLE
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VERSION
KEYWORDS
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AX043159
LOCUS
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AUT.!ORS
TITLE
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Ulfendahl, P.J. and Wong, K.C. Primers for identifying typing
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Pred. No. 6.1e+02;
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Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
                                                                                                                               Ulfendahl, P.J. and Wong, K.C. Primers for identifying typing or classifying nucleic acids Patent: WO 0065088-A 891 02-NOV-2000; Amersham Pharmacia Biotech AB (SE)
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                                           /note="DQB1 Heterozygote Primer Sequence"
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Pred. No. 6.1e+02;
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1 (bases 1 to 26)

8 lesterman, J.M., Macleod, A.R. and Siders, W.M.

Modulation of gene expression by combination therapy
Patent: JP 2002528391-A 51 03-SEP-2002;

METHYLGENE INC

OS Artificial Sequence
PN JP 2002528391-A/51
PD 03-SEP-2002
PF 19-OCT-1999 JP 2000576885
PR 19-OCT-1998 US 60/104804
PI JEFFREY M BESTERMAN, ALAN ROBERT MACLEOD, WILLIAM M 5
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Sequence 5 from Patent WO0071703
AX053081
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                                                                         Macleod, A.R., Li, Z. and Besterman, J.M. Inhibition of histone deacetylase Patent: WO 0071703-A S 30-NOV-2000, Methylgene, Inc. (CA)
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PR 19-0CT-1998 US 60/104804
PI JEFFREY M BESTERMAN, ALAN ROBERT MACLEOD, WILLIAM M SIDERS
A61K48/00, A61K31/165, A61K31/19, A61K31/513, A61K31/517, A61K31/ P
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21; Conserv
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AX546306
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Sequence 14 from Patent WO0071703.
AX053090
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                                                                                                                        /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 6.5e+02;
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Sequence 89 :
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synthetic construct synthetic construct
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Sequence 89 from Patent EP1243290.
AX546340
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Similarity 84.0%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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Pred. No. 6.5e+02;
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AX175239
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Sequence
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J. Method and reagent for the treatment of diseases or crelated to levels of vascular endothelial growth fact Patent: US 6346398-A 6313 12-FEB-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 CAGCAAGTTATGGGTCATGCGGATT 25
                                                                               Phillips,N.C. and Filion,M.C.
Therapeutically useful synthetic oligonucleotides
Patent: WO 0144465-A 3 21-JUN-2001;
Bioniche Life Sciences Inc. (CA)
Location/Qualifiers
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Sequence 3 from Patent WO0144465.
AX175239
AX175239.1 GI:14598607
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/molse="taxon:32630"
/noce="oligonuclectide"
                          organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                     OS Artificial Sequence
PN WO 0236763-A/6
PD 10-MAY-2002
PF 29-CCT-2001 WO 2001JD009478
PR 30-CCT-2000 UP 00P 331401
PI NOBUYUKI KOYAMA, SEIICHI TANIDA, TOSHIFUMI WATANABE PC
C12N15/99, C07K14/47, C07K16/18, C12N5/10, C12P21/02, C12P21/08,
A61K38/00,
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synthetic construct
artificial sequences.

1 (bases 1 to 27)

1 (base
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Therapeutically useful synthetic oli
Patent: WO 0144465-A 68 21-JUN-2001;
Bioniche Life Sciences Inc. (CA)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 GGGGTGGGGTGGGGTGGGCTGG 26
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Sequence 68 from Patent
AX175304
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Key Location/Qualifiers
                                                                                                             /organism='Artificial
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 6.9e+02;
0; Mismatches 4.
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0; Mismatches 4
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OS Artificial Sequence
PN pp 2002355065-A/6
PD 10-DEC-2002
PF 29-OCT-2001 JP 2001330728
PI NOBUYUKI KOYAMA, SEIICHI TANIDA, TOSHIFUMI WATANABE PC
C12N15/09, A61X31/7088, A61X39/00, A61X45/00, A61X48/00, A61P9/00, PC
C12N15/10, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12P21/02, C12Q
PC C07X14/47
PC C07X14/47
PC C07X13/15, G01N33/50, G01N33/53, G01N33/53, G01N33/566//A61X35/7
PC A61X39/395, C12N15/00, C12N5/00, A61X37/02
PC Frimer Location/Qualifiers
FT Source /organism='Artificial Sequence'.
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                                                                                                unidentified unidentified unclassified.
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Sequence 4 from Patent WO9720924.
A63563
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Patent: JP 2002355065-A 6 10-DEC-2002;
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Novel ger
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synthetic construct
Patent: WO 9720924-A 4 12-JUN-1997;
SAICOM S R L (IT)
                                               Scaggiante, B. and Quadrifoglio, F.
A CLASS OF OLIGONUCLEOTIDES, THERAPEUTICALLY USEFUL
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G01N33/15,G01N33/50,G01N33/53,G01N33/566//A61K35/76,
A61K39/395,
A61K39/395,C12N15/00,C12N5/00,A61K37/02
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 6.9e+02;
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Pred. No. 6.9e+02;
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Sequence
AR055109
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PCR-based cDNA substractive cloning method
Patent: US 5837468-A 14 17-NOV-1998;
Location/Qualifiers
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Other publication AU 1175497 19970627.
Location/Qualifiers
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Sequence 14 from patent
AR068450
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Unclassified.
                                                                                                                   Wang, X., Duvick, J.P. and Briggs, S.P. PCR-based cDNA subtractive cloning method Patent: US 5853991-A 14 29-DEC-1998; Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                  /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 7.2e+02
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AR139962
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1 (Dases 1 to 20)
1 (Dases 1 to 20)
1 (Dases 1 to 20)
Sebo,K.M., Bosselman,R.A., Suggs,S.V. and Markethod for enhancing the effciency of gene try factor (SCF) polypeptide
L Patent: US 6207454-A 33 27-MAR-2001;
Location/Qualifiers
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Sequence 34
AR139962
AR139962.1
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Sequence
AR140280
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Zsebo, K.M., Bosselman, R.A., Suggs, S.V.
DNA encoding stem cell factor
Patent: US 6207417-A 34 27-WAR-2001;
Location/Qualifiers
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Zsebo, K.M., Bosselman, R.A., Suggs, S.V.
DNA encoding stem cell factor
Patent: US 6207417-A 33 27-MAR-2001;
Location/Qualifiers
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AR139961
AR139961.1 GI:14482457
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/mol_type="unassigned DNA"
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Pred. No. 4.6e+02;
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Pred. No. 4.6e+02;
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Best Local Similarity 95.0%;
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Sequence 34
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Sequence 33
AR140558
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2 Bebo, K.M., Bosselman, R.A., Suggs, S.V.
Stem cell factor and compositions
Patent: US 6207802-A 33 27-MAR-2001;
Location/Qualifiers
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Seebo, K.M., Bosselman, R.A., Suggs, S.V. and Martin, F.H.

Method for enhancing the effciency of gene transfer with
factor (SCF) polypeptide
Patent: US 6207454-A 34 27-MAR-2001;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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OS Artificial
PN JP 2002528
PD 03-SEP-2000
PF 19-OCT-1991
PR 19-OCT-1991
PI JEFFREY M 1
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2 Seebo, K.M., Bosselman, R.A., Suggs, S.V. and Martin, F.H.
Stem cell factor and compositions
Patent: US 6207802-A 34 27-MAR-2001;
Location/Qualifiers
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Modulation of gene expression

BD244919

BD244919.1 GI:33054689

JP 2002528391-A/47.
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OS Artificial Sequence
PN JP 2002528391-A/47
PD 03-SEP-2002
PF 19-OCT-1999 JP 2000576885
PR 19-OCT-1998 US 60/104804
PI JEFFREY M BESTERMAN, ALAN ROBERT MACLEOD, WILLIAM M SIDERS PC A61K48/00, A61K31/165, A61K31/19, A61K31/513, A61K31/517, A61K31/ PC
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synthetic construct
artificial sequences.
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Besterman, J.M., Macleod, A.R. and Siders, W.M.
Besterman of gene expression by combination therapy
Modulation of gene expression by combination therapy
Patent: JP 2002528391-A 47 03-SEP-2002;
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 AR211367
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                                                                                                                                                                                  /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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Pred. No. 4.6e+02;
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Pred. No. 4.6e+02;
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AR371268/c
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AR211367
AR211367.1
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Buchardt, O., Egholm, M., Nielsen, P.E.
Peptide nucleic acids
Patent: US 6395474-A 4 28-MAY-2002;
Location/Qualifiers
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Sequence 6 from Patent WO0071703
AX053082
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Sequence 4 from
AR371268
                                     Macleod, A.R., Li, Z. and Besterman, J.M. Inhibition of histone deacetylase Patent: WO 0071703-A 6 30-NOV-2000; Methylgene, Inc. (CA)
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19; Conserv
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Makino,Y., Abe,Y., Takagi,M., Takenaka,S., Yamashita,K.
                                                                                                               synthetic construct
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                                                                                                   rtificial sequences.
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Conservative 0; Mismatches
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/organism="synthetic construct"
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/mol_type="genomic"
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AX136903
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Sequence 5 from Patent EP1065278.
AX136903
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Sequence 15 from Patent W00071703.
AX053091 GI:12227148
                                                                                                                                                     Detection of partly complementary nucleic acid fragment Patent: EP 1065278-A 5 03-JAN-2001; FUJI PHOTO FILM CO., LTD. (JF)
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/mol_type="unassigned DNA"
/db_xref="traxon:32630"
/note="Description of Combined DNA/RNA Molecule: Positions
1-4 and 17-20 are 2'-methoxyribose substituted
nucleotides; positions 5-16 are deoxyribonucleotides"
                                                            /organism="synthetic construct"
/mal_type="unassigned DNA"
/mal_type="unassigned DNA"
/db xrefe"ttaxon:32630"
/noTe="sample nucleic acid fragment"
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/db_xref="taxon:32630"
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AX488408/c
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Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; mitosporic Saccharomycetales; Candida.
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Sequence 5708 from Patent
AX488408
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Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; mitosporic Saccharomycetales; Candida.
                                                                                                                                                                                                                                                                       Roemer,T., Jiang,B., Boone,C., Bussey,H. and Ohlsen,K.L. Gene disruption methodologies for drug target discovery Patent: WO 02053728-A 5708 11-TUL-2002; Elitra Pharmaceuticals, Inc. (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Elitra Pharmaceuticals, Inc.
Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:5476"
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Pred. No. 4.6e+02;
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Pred. No. 4.6e+02;
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Garner, H.R., Wren, J.D., Minna, J.D. and Fondon, J.W. III.
Polymorphic repeats in human genes
Patent: US 6472154_A 119 29-OCT-2002;
                                                                                                                                                     Sequence 119 from patent AR241831
                                                                                                                                                                                                                                                                                                                                                                                                                                   Besterman, J.M., Macleod, A.R. and Siders, W.M. Modulation of gene expression by combination Patent: EP 1243289-A 51 25-SEP-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Besterman, J.M., Macleod, A.R. and Siders, W.M. Modulation of gene expression by combination Patent: EP 1243290-A 51 25-SEP-2002; Methylgene, Inc. (CA)
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artificial sequences.
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/db_xref="taxon:32630"
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19; Conserv
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/db xref="taxon:32630"
/note="Beschreibung der kuenstlichen
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Sequenz:Capture-Oligonukleotid"
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Sequenz:Capture-Oligonukleotid"
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Sequence 13 from Patent W003072818.
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larity 95.0%; Pred. No. 4.9e+02;
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                                                                                                   /note="LNA-T (Locked
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Sequenz:Capture-Oligonukleotid"
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Sequence 16 from Patent WO03072818.
AX825118
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/note="LNA-T (Locked Nucleic Acid)"
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1 Similarity 95.0%;
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Sequence 45 from Patent W003072818.
AX825147 1 GI:39750876
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artificial sequences
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/mod_base=OTHER
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/mod_base=OTHER
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Pred. No. 4.9e+02;
0; Mismatches 1;
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AR164319 22 bp
Sequence 2 from patent US 6271369.
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Sequence 1 from patent US
AR164318
                                                                                                                                                                                                                                                   1 (bases 1 to 22)
Torrence, P.F., Silverman, R.H., Maitra, R.K.
Chimeric molecules targeted to viral RNAs
Patent: US 6271369-A 1 07-AUG-2001;
                                                                                                                                                                                                                                                                                                                        Unknown
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                                                                                                                                                                                                                                                                                                                                     Unknown.
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
sequenz:Capture-Oligonukleotid"
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/mol_type="unassigned DNA"
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Pred. No. 5.3e+02;
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Pred. No. 4.9e+02;
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1 (bases 1 to 22)

Torrence, P.F., Silverman, R.H., Maitra, R.K. and Lesiak, K. Chimeric molecules targeted to viral RNAs

Patent: US 6271369-A 2 07-AUG-2001;

Location/Qualifiers
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AR164319.1
                                                               1 (bases 1 to 22)
Torrence, P., Silverman, R., Maitra, R. and Lesiak, K. Method of cleaving specific strands of RNA
Patent: US 5583032-A 2 10-DEC-1996;
Location/Qualifiers
                                                                                                                                                                               Sequence 2 from patent US
I31811
I31811.1 GI:1822602
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Torrence, P., Silverman, R., Maitra, R. and Method of cleaving specific strands of RN Patent: US 5583032-A 110-DEC-1996;
Location/Qualifiers
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131810
131810.1 GI:1822601
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Pred. No. 5.3e+02;
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Pred. No. 5.3e+02;
0; Mismatches 1;
Score 18.4; DB 1;
Pred. No. 5.3e+02;
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BD244863 23 bp DNA linear PAT 17-JUL-2003 Oligonucleotide primer capable of making the non-specific double strand formation unstable.

BD244863
BD244863 1 GI:33054633
JP 2002532063-A/8.
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Torrence, P., Silverman, R., N
Method of cleaving specific
                                                                                                                                                                                                                                                                                                                                 Sequence 2 from 169408
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Torrence, P., Silverman, R., Maitra, R. and Lesiak, K.
Method of cleaving specific strands of RNA and medical treatments
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 1 from patent 169407
                                                                                                                                                                                                                 Patent: US 5677289-A 2 14-OCT-1997;
Location/Qualifiers
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                                                                                                                                                                                                                                                                               Unclassified.
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Similarity 95.0%;
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Pred. No. 5.3e+02;
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Pred. No. 5.3e+02;
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1 (bases 1 to 23)

2 Pelletier, J. and Das, M.

Oligonucleotide primer capable of making the non-specific double strand formation unstable

AL Patent: JP 2002532063-A 8 02-OCT-2002;

MCGILL UNIVERSITY

OS Artificial Sequence
PN JP 2002532063-A/8

PD 02-OCT-2002

PF 06-OCT-1999 JP 2000574722

PF 06-OCT-1999 JP 2000574722

PR 07-OCT-1998 CA 2246623

PI JERRY PELLETIER, MANJULA DAS

PI JERRY PELLETIER, MANJULA DAS

PI CL2N15/09, C1201/68, C12N15/00

CC Description of Artificial Sequence: synthetic oligonucleotide

CC N = 3-Nitropyrrole

CC N = 3-Nitropyrrole

CC N = 3-Nitropyrrole

FT modified base (8)

FT modified base (8)

FT modified base (18)
                                                                                                                                               Patent: JP 2002532063-A 10 02-OCT-2002;
MCGILL UNIVERSITY
OS Artificial Sequence
PN JP 2002532063-A/10
PD 02-OCT-2002
PP 06-OCT-1999 JP 200574722
PF 07-OCT-1998 CA 2246623
PI JERRY PELLETIER, MANJULA DAS
PC C12N15/09, C12Q1/69, C12N15/00
CC Description of Artificial Sequence: CC N = inosine
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Pelletier, J. and Das, M.
Oligonucleotide primer capable of making strand formation unstable
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synthetic construct
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JP 2002532063-A/10.
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JP 2002532063-A/10
02-0CT-2002
06-0CT-1999 JP 2000574722
07-0CT-1998 CA 2246623
JERRY PELLETIER, MANULA DAS
C12N15/09,C12Q1/68,C12N15/00
Description of Artificial Sequence: synthetic oligonucleotide
N - inosine
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JP 200353203-A/8
02-0CT-2002
06-0CT-1999 JP 2000574722
07-0CT-1998 CA 2246623
JERRY PELLETIER, MANJULA DAS
C12N15/09, C12Q1/68, C12N15/00
Description of Artificial Sequence: synthetic oligonucleotide
                                                                                                                     modified_base (8) modified_base (18).
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                          organism="synthetic construct"
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xref="taxon:32630"
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AX692825
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Sequence 5557 f
AX692825
AX692825.1 GI:
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                                                                                                                                                                                                                 Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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σ
                                                                                                                                                                                                                                                                                     AX754186
Sequence 533 from Patent
AX754186
                                                                                                                                                      Shannon, M. and Phan, T.

Human angiomotin-like protein 1

Patent: WO 03037931-A 533 08-MAY-2003;

Amersham Biosciences SV Corp. (US)
                                                                                                                                                                                                                                                                             AX754186.1 GI:32166883
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Bukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Homo sapiens (human)
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Similarity 95.0%;
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                                                                                          /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                          Score 18.4; DB 1;
Pred. No. 6.6e+02;
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Pred. No. 6.6e+02;
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EP1281758
                                                                                                                                                                                                                  Craniata; Vertebrata;
Catarrhini; Hominidae;
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nes 19; Conserv
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                                                                                                                                                                                   Patent: JP 199341980-A 6 14-DEC-1999;
TOYOBO CO LTD
OS Unidentified
DN JP 199341980-A/6
PN JP 1999341980-A/6
PN JP 1999341980-B/6
PF 02-JUN-1998 JP 1998152956
PR TAKASHI SAZU,IZUMI INOHARA,NOBUHIKO
PC C12N1/21,C07K16/00,C07K17/08,C07K17/
PC C12N1/21,C07K16/00,C07K17/08,C07K17/
PC C12P21/08,C12N1/21,C12R1:19),C12N1:
CC Strandedness: Single;
CC Topology: Linear;
PH Key
CC Topology: Linear;
PH Key
FT SOURCE
FT SOURCE
Organism='Unidentifiers
FT SOURCE
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AX754193
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E30823
E30823.1 GI:13017253
JP 1999341980-A/6.
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Human angiomotin-like protein 1
Patent: WO 03037931-A 540 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
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Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
N
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Takashi,S., Izumi,I. and Nobuhiko,M.
Modified antibody Fab fragment
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         unidentified
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ilarity 95.0%;
Conservative
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C12N1/21,C07K16/00,C07K17/08,C07K17/14,C12N15/09,G01N33/531,
G01N33/547//
                                                        Conservative
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                                                                                                                                                                     /organism='Unidentified'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                               /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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95.0%;
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Pred. No. 6.6e+02;
0; Mismatches 1
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Pred. No. 7e+02;
D; Mismatches 1.
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AX394618/c
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AX394618
AX394618.1
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A91165
Novel corn nucleic acid moproducing modified starch.
BD082052
BD082052.1 GI:22627662
JP 2001522223-A/6.
                                                                                                                                                                                                                                                                                              Wobler, P.K. and Delenstarr, G.C. calibration of molecular array data Patent: EP 118673-A 16 13-MAR-2002, Agilent Technologies Inc (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                          synthetic construct
synthetic construct
artificial sequences.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       22;
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Emmermann, M. and Kossmann, J.
EMMERMANN, M. AND MOLECULES FROM MAIZE AND PRODUCTION OF MODIFIED STARCH
PALENT: WO 9827212-A 10 25-7UN-1998;
EMMERMANN MICHAEL (DE); KOSSMANN JENS (DE)
LOCALION/Qualifiers
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llarity 78.6%;
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10 from Patent WO9827212.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                           /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                 /note="probes to target sequences"
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Pred. No. 7.8e+02;
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Pred. No. 7.8e+02;
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                                  E 1 (bases 1 to 28)

E 1 (bases 1 to 28)

Matsumoto,S., Oda,T., Saito,Y., Noriyuki, Morikawa, Yoshida,K.,
Suwa,M. and Sugiyama,T.
Novel guanosine triphosphate-bound protein-coupled receptors and
genes encoding them, and their production and use
Patent: WO 0148189-A 24 05-JUL-2001;
HELIX RESEARCH INSTITUTE SHUNICHIRO MATSUMOTO,TAMAKI ODA,YOKO
SAITO, NORIYUKI MORIKAWA,KENJI YOSHIDA,MAKIKO SUWA,TOMOYASU
SUGIYAMA
OS Artificial Sequence
PN WO 0148189-A/24
PD 05-JUL-2001
PF 28-DEC-2000 WO 2000JP009409
PF 28-DEC-1999 JP 99P 375152,31-MAR-2000 JP 00P 101339 PR
23-MAY-2000 JP 00P 155978
PR 28-DEC-1999 JP 99P 375152,31-MAR-2000 JP 00P 101339 PR
23-MAY-2010 JP 00P 155978
PR 28-DEC-1999 JP 55978
PI MAKIKO SUWA,TOMOYASU SUGIYAMA
PI MAKIKO SUWA,TOMOYASU SUGIYAMA
PI MAKIKO SUWA,TOMOYASU SUGIYAMA
PI MAKIKO SUWA,TOMOYASU SUGIYAMA
PC C12721/02,C1201/02,C1201/68,A61K31/711,A61K48/00,A61P43/00, PC
G01N33/15,
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patent: JP 200152223-A 6 13-NOV-2001;
PLANTIEC BIOTECHNOLOGIE GMBH
PN JP 200152223-A/6
PD 13-NOV-2001
PD 13-NOV-2001
PD 13-DEC-1997 JP 1998527334
PR 19-DEC-1996 DE 19653176.4
PI JENS KOSSMANN, MICHAEL EMMERMANN
PC C12N15/29, C12N15/54, C12N15/82, C12N15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      artificial sequences.
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18-DEC-1997 JP 1998527334
19-DEC-1996 DE 19953176.4
JENS KOSSMANN,MICHAEL EMMERMANN
C12N15/29,C12N15/54,C12N15/82,C12N15/10,C12N5/10,C08B30/00,
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Topology: Linear;
/desc = 'oligonucleotide',
  Description of
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                       G01N33/50
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28 bp DNA linear guanosine triphosphate-bound protein-coupled encoding them, and their production and use.
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/mol_type="genomic DNA"
/db_xref="taxon:4577"
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Artificial Sequence:an
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  artificially synthesized
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AR134802
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AR102020
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AR102020
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Sequence 18 from patent
AR134802
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 19)
Croteau, R.Bruce., Lupi
Recombinant materials
                                                                                                                                     1 (bases 1 to 19)
Croteau, R. Bruce., Lupien, S. Lee. ar
Recombinant materials and methods
                                                                                                                                                                                      Unknown
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                                                                                                     Patent: US 6194185-A 18 27-FEB-2001;
Location/Qualifiers
                                                                                                                                                                                                 Unknown.
                                                                                                                                                                                                                       AR134802.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent: US 6083731-A 18 04-JUL-2000;
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Similarity 94.7%;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                  /mol_type="unassigned DNA"
                                                                               /organism="unknown"
                                                                                                                                                                                                                                                                                                                                                                                                          /mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="unknown"
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78.6%;
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lals and methods for the p
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                      Score 18.2; DI
Pred. No. 4.5e.
1; Mismatches
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Pred. No. 4.5e+C
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is for production
                                  4.5e+02;
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128548/c
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RS Hideki, K. and Senshu, U.

Method for analyzing DNA fragment
AL Patent: JP 199196874-A 9 27-JUL-1999;

HITACHI LTD

OS Unidentified
PN JP 1999198874-A/9
PD 27-JUL-1999
PF 14-JAN-1998 JP 1998005399
PR PR HIDEKI KAMIBARA, SENSHU UEMATSU
PC CLYN15/09, C12Q1/68, G01N27/447, C12N15/00, G01N27/26 CC
Strandedness: Single;
CC Topology: Linear;
FH Key 1. 20
FT source /organism='Unidentified'.
                                                                                                                                                                                                                                                                                                                                                                       4466 TTTTTTTTTTTTTTTTTT 4484
23
                                                                                                                                                                                                                                                                                                                                                                                                           18;
                                                                                                                                   1 (bases 1 to 23)
Watanabe, K.A., Ren, W.-Y. and Weil, R.
Complementary DNA and toxins
Patent: US 5571937-A 1 05-NOV-1996;
Location/Qualifiers
                                                                                                                                                                                                                                                      I28548
Sequence 1 from patent US
I28548
I28548.1 GI:1819324
                                                                                                                                                                                                                             Unknown.
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             TTTTGCCTTCCTTTTCCTCTTCT 5720
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism='Unidentified'.
Location/Qualifiers
                                                                                              /organism="unknown"
/mol_type="unassigned DNA"
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                                                          0.2%;
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                                              Score 18.2; DB 1;
Pred. No. 6.2e+02;
D; Mismatches 3;
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Pred. No. 4.9e+02;
1; Mismatches 0;
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AX103868
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Best Local Similarity 87.0%;
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                                                                                                                             24 bp
Sequence 60 from Patent WO0122972.
Krieg,A.M., Schetter,C. and Vollmer,J.C.
Immunostimulatory nucleic acids
Patent: WO 0122972-A 60 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US) ; Coley Pharmaceutical
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 23)
Watanabe, K.A., Ren, W.-Y. and Weil, R. Complementary DNA and toxins
Patent: US 5652350-A 1 29-JUL-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1 from patent US I58710
                                                                             synthetic construct synthetic construct
                                                                                                                                                                                                                                                                                                                                                                  Patent: US 6651008-A 7 18-NOV-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                             1 (bases 1 to 24)
Vaisberg,E.A., Adams,C.L., Sabry,J.H.
Database system including computer cocbioinformatics
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 7 from patent US AR431313
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unknown
                                                                                                                    AX103868.1 GI:13920065
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Similarity 87.0%;
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                                                                  rtificial sequences.
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                                                                                                                                                                                                                                                                                                                            /mol_type="genomic DNA"
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                                                                                                                                                                                                                                                                                                                                           organism="unknown"
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Pred. No. 6.6e+02;
0; Mismatches 3
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Pred. No. 6.2e+02;
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6651008.
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Inhibition of angiogenesis by nucleic acids Patent: WO 02053141-A 60 11-JUL-2002; Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
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AX546921
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                                                                                                            Patent: US 5858649-A 3 12-JAN-1999;
Location/Qualifiers
                                                                                                                                        1 (bases 1 to 25)
Asgari,M., Blick,M., Bresser,J., Cubbage,M.Lee. and Prashad,N.
Amplification of mRNA for distinguishing fetal cells in maternal
                                                                                                                                                                                                                                  Sequence 3 from patent US
AR028113
                                h 0.2%; Score 18.2; DB 1; Similarity 87.0%; Pred. No. 7.1e+02; 20; Conservative 0; Mismatches 3;
                                                                                                                                                                                     Unknown
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassign
                                                                                                                                                                                                                                                                                                                                                                                              /note="Synthetic Sequence"
                                                                                                                                                                                                                                                                                                                                                                                                        organism="synthetic construct"
|mol_type="unassigned DNA"
|db_xref="taxon:32630"
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                                                                          _type="unassigned DNA"
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Pred. No. 6.6e+02;
0; Mismatches 3;
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Pred. No. 6.6e+02;
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60 CGGAGGCTGCGGGGGGGGGGGG 82
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Asgari,M., Blick,M., Bresser,J., Cubbage,M.L. and Enriching and identifying fetal cells in maternal hybridization
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Asgari, M., Blick, M., Bresser, J., Cubbage, M. Lee. and Prashad, N.
Intracellular antigens for identifying fetal cells in maternal
                          synthetic construct
synthetic construct
artificial sequence
                                                                                                        Sequence 183 from Patent AX042617
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Location/Qualifiers
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Similarity 87.0%; Pred. No. 7.
20; Conservative 0; Mismatche
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Location/Qualifiers
Ulfendahl, P.J. and Wong, K.C.
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/mol_type="unassigned DNA"
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/mol_type="unassion
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Sequence 902 from Patent
AX043336
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Primers for identifying typing or classifying nucleic acids
Patent: WO 0065088-A 848 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
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                                                                                        Ulfendahl, P.J. and Wong, K.C.
Primers for identifying typing or classifying
Patent: WO 0065088-A 902 02-NOV-2000;
Amersham Pharmacia Biotech AB (SB)
Location/Qualifiers
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synthetic construct
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                          /note="DQB1
                                        /mol_type="unassigned
/db_xref="taxon:32630"
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Pred. No. 7.1e+02;
0; Mismatches 3
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Pred. No. 7.1e+02;
0; Mismatches 3;
Score 18.2;
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Vogels,R., Schouten,G.J., Bout,A. and Means and methods for fibroblast-like
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Sequence 1208 from
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C12N5/10,C12P21/02//(C12P21/02,C12R1:91),C12N15/00,C12N5/00 CC
C7'nr'on of Artificial Sequence: tail oligonucleotide FH Key
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JP 2002537816-A/17
12-NOV-2002
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04-MAR-1999 EP 99200624.7
RONALD VOSELS, GOVERT JOHAN SCHOUTEN, ABRAHAM BOUT, MENZO JANS
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C12N15/09, A61K31/522, A61K35/76, A61K47/42, A61K48/00, A61P19/02,
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Query Match 0.2%; Score 18.2; DB 1; Length 27; Best Local Similarity 74.1%; Pred. No. 8e+02; Matches 20; Conservative 2; Mismatches 5; Indels
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Chimaeric adenoviruses
Patent: WO 0003029-A 37 20-JAN-2000;
INTROGENE BV (NL)
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Sequence 37 from Patent WO0003029.
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CCTGTCTGCCTATGTGATC	h 0.2%; Similarity 74.1%; 20; Conservative	ga, M., Vogels, R. eric adenoviruse L: EP 097856-A GENE BV (NL) Location/Qua 127 /organism="s /mol_type="u /db_xref="ta" /note="oligc 127 /note="Tail	AX030261 Sequence 37 from Pate AX030261 AX030261.1 GI:101904 Bynthetic construct synthetic construct artificial sequences.	20; 7 C 1 C	NTROGENE	construct construct construct l sequences J. Vogels very vector lls, and/or 0 0031285-A	AX025369 Sequence 3 from Paten AX025369 AX025369.1 GI:101870	1 CCKGTSTACCCATATGAAGATGAAAGC
ATGAAATC 5833 ATGAAAGC 27	2;	EB-2000; EB-2000; c construct ed DNA" ide" cleotide"	27 bp DNA nt EP0978566.	o. 8e+02; atches 5833 27	c construced DNA" 30" nucleotide	. and Bout, A. provided with a t ndothelial cells 02-JUN-2000;	27 bp DNA E WO0031285.	ATGAAAGC 27
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Sequence 17 from Patent WO0052186.
AX034829
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Sequence 19 from Patent
AX076416
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Pred. No. 8e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Havenga, M. and Vogela, R. Infection with chimaeric adenoviruses of cells negative for the adenovirus serotype 5 coxsacki adenovirus receptor (car) Patent: EP 1067188-A 19 10-JAN-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 19 from Patent EP1067188. AX138178
               T-lymphocytes
                               Gene delivery vectors provided with a tissue tropism
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                                                van Zutphen, M., van Es, H.H. and Havenga, M.J.
                                                                                                                         synthetic construct
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/db_xref="taxon:32630"
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/db xref="taxon:2630"
note="Description of Artificial
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                                                                                                                  Gene delivery vectors for stem cells Patent: EP 1195440-A 17 10-APR-2002;
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vectors having tissue tropism
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OS GENOMICS N V (BE); CRUCELL HOLLAND
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/mol_type="unassigned DNA"
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/mol_type="unsesigned DNA"
/db xref="taxon.32630"
/noTe="Synthetic oligonucleotide"
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/mol_type="unassigned DNA"
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2; Mismatches 5;
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synthetic construct
artificial sequences.
1 (bases 1 to 27)
Havenga,M., Vogels,R. and Bout,A.
Chimaeric adenoviruses
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08-JUL-1999 JP 2000559250

08-JUL-1998 EP 98202297.2

MENZO HAVENGA, RONALD VOGELS, ABRAHAM BOUT

C12N15/09, C12N1/15, C12N1/19, C12N1/21, C12N5/00, C12N7/00, C12N15/
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Pred. No. 8e+0
2; Mismatches
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Score 18.2; DB 
Pred. No. 8e+02;
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8e+02;
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AUTHORS
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                                                     RESULT 678
AR058305/c
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FEATURES
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AR034899/c
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Sequence 3 :
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Sequence 18
AR034899
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Sequence
AR034896
                                                                                                                                                                                                1 (bases 1 to 18)
Chatelain, F. and Kumarev, V.
Process for preparing polynucleotides on tightly packed bed
Patent: US 5869643 A 18 09-FEB-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             20;
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Chatelain, F. and Kumarev, V.
Unknown
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Location/Qualifiers
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/mol_type="unassigned DNA"
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                                   from patent US
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AR084528/c
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Sequence
AR084528
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De Rose,R., Douce,R., Duval,M., Job,C. and Seed specific biotinylated protein, SBP65, Patent: US 5837820-A 3 17-NOV-1998; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unknown.
Unclassified.
 18; Conserv
                                                                                                                 1 (bases 1 to 18)
Lin,C.-I.Patsy., Wallace,R.Bruce., Cossman,J. and French,C.
Method and formulation for lyophilizing cultured human cells to
preserve RNA and DNA contained in cells for use in molecular
                                                                                                                                                                                                                                                                                                                                                            18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 (bases 1 to 18)
Matson,R.S., Coassin,P.J., Rampal,J.B.
Oligonucleortide repeat arrays
Patent: US 5981185-A 17 09-NOV-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unknown
                                                                                            biology experiments
Patent: US 6071745-A 9 06-JUN-2000;
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                                              /organism="unknown"
/mol_type="unassign
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                                             _type="unassigned DNA"
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AR106506/c
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Matches 18; Conserv
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S Kenichi, H., Hiroshi, Y. and Masshide, N.

Method for labeling oligonucleotide and utilization thereof
Patent: JP 199075880-A 2 23-MAR-1999;

CHEMO SERO THERAPEUT RES INST

OHEMO SERO THERAPEUT 
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Keeling, P. and Guan, H.
Starch encapsulation
Patent: US 6107060-A 30 22-AUG-2000;
Location/Qualifiers
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JP 1999075880-A/2.
unidentified
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Sequence 30 from patent
AR106506
AR106506.1 GI:12821036
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for labeling oligonucleotide
                                                                                                                                                                                                                                                                                            /organism='Unidentified'
                                                                                                                                                                                              /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
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Pred. No. 4.5e+02;
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Kenichi,H., Hiroshi,Y. and Masahide,N.
Kenichi,H., Hiroshi,Y. and Masahide,N.
Method for labeling oligonucleotide and utilization thereof
Patent: JP 1999075880-A 3 23-MAR-1999;
CHEMO SERO THERAPEUT RES INST
                                                                                                                                                                                                                                                        Sequence 16 from patent US 179509 179509.1 GI:3207799
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PI KENICHI HANAKI,HIROSHI YOSHIKURA,MASAHIDE NOZAKI
C12N15/09,C12Q1/68,G01N33/58,C12N15/00
CC Strandedness: Single;
                                                                                                                                                   Molecular indexing for expressed gene analysis Patent: US 5707807-A 16 13-JAN-1998;
                                                                                                                                                                                                      Unclassified
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
                                                                                                /organism="unknown"
/mol_type="unassigned DNA"
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RESULT 685

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AR215435
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1 (bases 1 to 18)

1 (bases 1 to 18)

Lin, C.-I.P., Wallace,R.B., Cossman,J. and French,C.

Method and formulation for lyophilizing cultured human cells

preserve RNA and DNA contained in cells for use in molecular

proserve RNA and DNA contained in cells for use in molecular

proserve RNA and DNA contained in cells for use in molecular

proserve Location/Qualifiers
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Sequence 9 :
AR215435
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AR208426
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Kaufman, J.C., Roth, M.E., Lizardi, P.M.,
Binary encoded sequence tags
Patent: US 6383754-A 6 07-MAY-2002;
Location/Qualifiers
           1 (bases 1 to 18)
Kurz,M., Lohse,P. and Wagner,R.
Peptide acceptor ligation methods
Patent: US 6429300-A 24 06-AUG-2002;
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AR222464 1
Sequence 24 from patent US
AR222464 AR222464.1 GI:23329995
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Location/Qualifiers
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/mol_type="genomic
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100.0%; Pred. No. 4.5e+02;
vative 0; Mismatches 0;
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AR412363
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                                                                                                                                                            Method for isolating anionic organic substances systems using cationic polymer nanoparticles Patent: WO 9910527-A 4 04-MAR-1999; SUEDDEUTSCHE KALKSTICKSTOFF (DE); BAYER ERNST (DE)
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AX004875
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Location/Qualifiers
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Manoharan, M., Cook
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                         0.2%; Score 18; DB
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tive 0; Mismatches
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Patent: WO 9967378-A 2 29-DEC-1999;
DAMHA MASSAD JOSE (CA); PARNIAK MICHAEL
(CA); UNIV MCGILL (CA); ARION DOMINIQUE
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Method for isolating anionic organic substances from aqueous systems using cationic polymer nanoparticles Patent: WO 9910527-A 8 04-MAR-1999; SUEDDEUTSCHE KALKSTICKSTOFF (DE); BAYER ERNST (DE)
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Sequence 8 from Patent WO9910527.
AX004879 AX004879.1 GI:9928279
AX008118 18 bp
Sequence 3 from Patent WO9967378.
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mod_base=um
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/mal_type="unassigned RNA"
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/noTe="2' methyl-modified oligonucleotide"
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Patent: WO 9967378-A 3 29-DEC-1999;
DAMHA MASSAD JOSE (CA); PARNIAK MICHAEL A (CA); WILDS CHRISTOPHER (CA); UNIV MCGILL (CA); ARION DOMINIQUE (CA); NORONHA ANNE M (CA);
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Patent: WO 9967378-A 7 29-DEC-1999;
DAMHA MASSAD JOSE (CA); PARNIAK MICHAEL A (CA); WILDS CHRISTOPHER
(CA); UNIV MCGILL (CA); ARION DOMINIQUE (CA); NORONHA ANNE M (CA);
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Sequence 29 from Patent WO9732023
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Patent: WO 9967378-A 8 29-DEC-1999;
DAMHA MASSAD JOSE (CA); PARNIAK MICHAEL A (CA); WILDS CHRISTOPHER
(CA); UNIV_MCGILL (CA); ARION DOMINIQUE (CA); NORONHA ANNE M (CA);
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Muehlegger, K., Angerer, B.,
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FLORIGENE LIMITED (AU); BRUGLIERA FILIPPA (AU); HOLTON TIMOTHY
ALBERT (AU); MICHAEL MICHAEL ZENON (AU)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Brugliera, F., Holton, T.A. and Michael, M.Z. Genetic sequences encoding flavonoid pathway enzymes and
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/mol_type="unassigned DNA"
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Sequence 6 from Patent WO0112855.
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High density labeling of dna with modified or
nucleotides and dna polymerases used
Patent: WO 0068422-A 21 16-NOV-2000;
Roche Diagnostics GmbH (DE)
Location/Qualifiers
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                                                               Kaufman,J.C., Roth,M.E., Lizardi,P.M.,
Binary encoded sequence tags
Patent: WO 0112855-A 6 22-FEB-2001;
YALE UNIVERSITY (US)
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/organism="synthetic construct"
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Sequence 939 from Patent W00122972.
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AX104747.1 GI:13920944
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Sequence 913 from Patent W00122972.
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Immunostimulatory nucleic acids
Patent: WO 0122972A 913 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 939 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
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RESULT 703 AXZ68883 LOCUS DEFINITION ACCESSION VERSION VERSION KEYWORDS SOURCE ORGANISM	Query Matcl Best Local Matches	REFERENCE AUTHORS TITLE JOURNAL FEATURES FEATURES	RESULT 702 AX108642 LOCUS DEFINITION ACCESSION VERSION KEYMORDS SOURCE ORGANISM	Query Matci Best Local Matches Qy 446	SOURCE ORGANISM REFERENCE AUTHORS TITLE TOURNAL FEATURES SOURCE	RESULT 701 AX105651 LOCUS DEFINITION ACCESSION VERSION KEYWORDS
TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	0.2%; Score 18; DB 1; Length 18; il Similarity 100.0%; Pred. No. 4.5e+02; 18; Conservative 0; Mismatches 0; Indels 164 TTTTTTTTTTTTTTTT 4481	Stanton, L.1 Stanton, L.1 Stanton, L.1 Stanton, L.1 Differentii Patent: WO SCIOS INC. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AXIO8642 18 bp DNA linear Sequence 10 from Patent WOO123419. AXIO8642 AXIO8642.1 GI:13923875 synthetic construct synthetic construct artificial sequences.	ch 0.2%; Score 18; DB 1; Length 18; ISimilarity 100.0%; Pred. No. 4.5e+02; 18; Conservative 0; Mismatches 0; Indels 64 TITTITITITITITITIT 4481	synthetic construct synthetic construct artificial sequences. 1 Stanton,L.W. and Kapoun,A.M. Secreted factors Patent: WO 0123564-A 10 05-APR-2001; Scios Inc. (US) Location/Qualifiers 118 /organism="synthetic construct" /mol_type="unassigned DNA" /db_xref="taxon:32630" /note="synthetic"	AX105651 18 bp DNA linear Sequence 10 from Patent WO0123564. AX105651 AX105651.1 GI:13921674
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29-OCT-2001	Gaps 0;		30-APR-2001	Gaps 0;		30-APR-2001

artificial sequences.

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Brower, A., Brow, M.A., Cracauer, R.F., Fors, L., Granske, R., de arruda Indig, M., Kurensky, D., Luedke, C., Lukowiak, A.A., Lyamichev, V., Neri, B.P., Reimer, N.D., Roeven, R.T., Skrzypczynski, Z., Ziarno, W.A., Comerford, J., Stump, S. and Viegut, D.D. Systems and method for detection assay production and sale Patent: WO 0244994-A 642 06-JUN 2002; THIRD WAVE TECHNOLOGIES, INC. (US)
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Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 0;
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Sequence 939 from Patent W002053141.
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide-phosphorothioate
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligos corresponding to polylinker
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0.2%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels
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UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
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                                    Secreted factors
Patent: WO 0174901-A 84 11-OCT-2001;
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Sequence 837 from Patent WO0197843.
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Patent: WO 0306441-A 9 07-AUG-2003;
MCGILL UNIVERSITY (CA)
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/note="Residues 1-6 and 13-18 are 2'-O-methyl-D-uridine"
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/note="Residues 1-3, 7-9, and 13-15 are
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Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 18; Conservative 0; Mismatches 0;
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/organism="synthetic construct"
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/note="Oligonucleotide"
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/noTe="Oligonucleotide"
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Seguence 10 from Patent WO03064441.
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Sequence 21 from Patent WO03064441.
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   AX814724.1 GI:39103923
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Patent: WO 0306441-A 8 07-AUG-2003;
MCGILL UNIVERSITY (CA)
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/note="Residues 1, 3, 5, 7, 9, 11, 13, 15
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/organism="synthetic construct"
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/db_xref="taxon:32630"
/note="011gonucleotide"
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/mol_type="unassigned DNA"
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/noTe="Oligonucleotide"
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Sequence 9 from Patent WO03064441.
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Sequence 8 from Patent W003064441.
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BD234126/c
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AR432617
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                       Oligonucleotides comprising alternating segments and uses thereof Patent: WO 0306441-A 21 07-AUG-2003; McGILL UNIVERSITY (CA)
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(Dasa 1 to 18)
Shimada, K.
Shimada, K.
Shimada, K.
Shimata, K.
Shimada, 
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C12Q1/68,C12N15/09,G01N33/50,C12N15/00
Method of comparison and detection of RNA amount and DNA
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Location/Qualifiers
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                                                                                                                                           /organism="synthetic construct"
|mol type="unassigned RNR"
|db xref="taxon:32630"
|noFe="Target RNA oligonucleotide"
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/organism="Homo sapiens"
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                                                                                            Location/Qualifiers
Damha, M.J. and Parniak, M.A.
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JP 2001333800-A/2
04-DEC-2001
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JP 200252247-A/14.
synthetic construct
synthetic construct
artificial sequences.
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JP 2001333800-A/2.
Homo sapiens (human)
Homo sapiens
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BD222596
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20 bp DNA linear PAT 17-JUL-2003
Procein skeleton of antibody mimetics and other binding proteins.
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C12N15/00
                                                                                          Patent: JP 2002522447-A 14 23-JUL-2002;
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
ND 10 2002522447-A/14
PD 23-JUL-2002
PR 09-AUG-1999 JP 20005634675
PR 07-AUG-1999 US 09/130973
PI MUTHIAH MANOHARAN, PHILIP DAN COOK, THAZHA P PRAKASH, ANDREW M
                                                                                                                                                                                                                                                                                                                                                               Description of Artificial Sequence: antisense sequence FH Location/Qualifiers
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1 (bases 1 to 18)
Manoharan, M., Cook, P.D., Prakash, T.P. and Kawasaki, A.M.
Aminooxy-modified nucleoside compound and oligomer compound
produced therefrom
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Manoharan,M., Cook,P.D. and Guinosso,C.J.
Modified oligonucleotides
Patent: US 6653458-A 7 25-NOV-2003;
Location/Qualifiers
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AR432617
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                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="synthetic construct"
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/note="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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Pred. No. 5.8e+02;
                             0.2%; Score 18; DB 1; Lilarity 100.0%; Pred. No. 5.8e+02; Conservative 0; Mismatches 0;
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Sequence 2 from Patent WO03072818.
AX825104
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Sequence 3 from Patent WO03072818.
AX825105
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TITLE
JOURNAL
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                                                          Artificial Sequence
JP 2002532072-A/14
02-OCT-2002
09-DEC-1999 JP 2000587187
10-DEC-1999 US 60/111737
DASA LIPOVSEK
C12N15/09,C07K1/04,C07K14/78,C07K16/46,C07K17/00,C07K19/00, PC
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           Protein skeleton of antibody mimetics and other binding proteins Patent: JP 2002532072-A 14 02-OCT-2002; PHYLOS INC
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Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels
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Method for sorting single-stranded nucleic acids
Patent: WO 03072818-A 1 04-SEP-2003;
Degussa Bloactives GmbH (DB)
Location/Qualifiers
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Sequenz:Capture-Oligonukleotid"
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                                                                                                                                                                                                 Puromycin linker oligonucleotide
Key Location/Qualifiers
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Sequence 1 from Patent WO03072818.
AX825103
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ilarity 100.0%;
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mod_base=OTHER
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/mb.xref="taxon:32630"
/note="Beschreibung der kuenstlichen
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Sequence 10 from Patent
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AX825112.1 GI:39750841
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                                                                                      Boekenkamp,D., Dieck,T.H. and Hoppe,H.U. Method for sorting single-stranded nucleic acids Patent: WO 03072818-A 11 04-SEP-2003; Degussa Bioactives GmbH (DE)
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Sequenz:Capture-Oligonukleotid"
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 /note="Beschreibung der kuenstlichen
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Sequence 12 from Patent
AX825114
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/mod_base=OTHER
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Sequenz:Capture-Oligonukleotid"
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                note="LNA-T (Locked
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AX825135.1 GI:39750864
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Sequence 34 from Patent WO03072818
AX825136
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ilarity 100.0%; Pred. No. 5.8e+02;
Conservative 0; Mismatches 0;
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Sequence 35 from Patent W003072818.
AX825137
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Sequenz:Capture-Oligonukleotid"
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Sequence 36 from Patent W003072818.
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sequenz:Capture-Oligonukleotid"
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RESULT 729

RESULT 730 AX825144 LOCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM REFERENCE AUTHORS TITLE JOURNAL FEATURES SOURCE SOURCE ORGANISM	рь рь	Query Match Best Local Matches 1	modified	modified	modified modified modified	1. 7.8c p.	R L OH W	AX825143 LOCUS . DEFINITION ACCESSION VERSION KEYWORDS
AX825144 21 bp DNA linear Sequence 42 from Patent WO03072818. AX825144 1 GI:39750873 Synthetic construct synthetic construct artificial sequences. 1 Boekenkamp, D., Dieck, T.H. and Hoppe, H.U. Method for sorting single-stranded nucleic acids Patent: WO 03072818-A 42 04-SEP-2003; Degussa Bioactives GmbH (DE) Location/Qualifiers 1 21 /organism="synthetic construct" /mol_type="unassigned DNA" /db xref="taxon:32630" /noTe="Beschreibung der kuenstlichen Sequenz:Capture-Oligonukleotid"	64 TTTTTTTTTTTTTTTT 4481 1 TTTTTTTTTTTTTTTTT 18	/ Match 0.2%; Score 18; DB 1; Length 21; Local Similarity 100.0%; Pred. No. 5.8e+02; Local 18; Conservative 0; Mismatches 0; Indels	modified_base 18 /note="LNA-T (Locked Nucleic Acid)" /mod_base=OTHER modified_base 18 /note="LNA-T (Locked Nucleic Acid)" /mod_base=OTHER	base 1	_base 3 /note="LNA-T (Locked Nucleic /mod_base=OTHER base 6 /note="LNA-T (Locked Nucleic /mod_base=OTHER base 9 /note="LNA-T (Locked Nucleic /mod_base=OTHER)	/or /mo Seq 1	synthetic construct synthetic construct artificial sequences. 1 Boekenkamp,D., Dieck,T.H. and Hoppe,H.U. Method for sorting single-stranded nucleic acids Patent: WO 03072818-A 41 04-SEP-2003; Degussa Bioactives GmbH (DE) Location/Qualifiers	AX825143 21 bp DNA linear Sequence 41 from Patent WO03072818. AX825143 AX825143.1 GI:39750872
PAT 11-DEC-2003		0; Gaps 0;						PAT 11-DEC-2003

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Degussa Bioactives GmbH (DE)
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Sequenz:Capture-Oligonukleotid"
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PD 13-JUN-2000
PF 25-NOV-1998 JP 1998333469
PR TAKASHI HIBINO,JUNKO KOSHIYAMA
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PR 23-NOV-1998 DE 198 53 957.6,29-APR-1999 DE 199 21 940.0 PI
GERHARD HARTWICH, ADAM HELLER
PC C07H21/00,C07H21/02,C07H21/04,C12N15/09,C12Q1/68,G01N27/12, PC
                                                                                                                                                                                                                                                                                                                              Method for obtaining DNA fragment in plant Patent: JP 2000157277-A 1 13-JUN-2000;
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Hibino, T. and Koshiyama, J.
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AUTHORS
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                                    RESULT 737
AR185595
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SOURCE
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172458
             Unknown.
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AX394612
                                     Unknown.
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Query Match 0.2%;
Best Local Similarity 80.8%;
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Calibration of molecular array data
Patent: EP 1186673-A 10 13-MAR-2002,
Agilent Technologies Inc (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Therapeutic oligonucleotides targeting Patent: US 5683987-A 42 04-NOV-1997; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                synthetic construct synthetic construct
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                         1083 from patent
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/mol_type="unassigned DNA"
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/db_xref="taxon:32630"
                                                                                                                                                                                                                  /note="probes to target sequences"
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GI:20231560
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AR240646/c
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Matches 21; Conserv
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M Unknown.

Unclassified.

1 (bases 1 to 27)

1 (bases 1 to 27)

S Ni,J., Gentz,R.L. and Ruben,S.M.

S Galectin 9 and 10SV polynucleotides

Galectin 9 and 10SV polynucleotides

Galectin 9 and 10SV polynucleotides

Location/Qualifiers

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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 7130 12-FEB-2002;
Location/Qualifiers
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21; Conserv
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AR240646
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TGGGAACCGCTGAAGGCCCCGGGGCG
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                                                                                                 /mol_type="genomic DNA"
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Pred. No. 8.6e+02;
0; Mismatches 5;
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Pred. No. 8.6e+02;
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BD005982/c
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AX394615/c
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Galectin 8, 9, 10 and
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BD005982.1 GI:18634:
JP 2001501831-A/37.
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AX394615
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PD 13-FEB-2001

PD 03-CCT-1997 JP 1998517750

PR 09-CCT-1997 US 60/028093,09-CCT-1996 WO PCTUS9616565 PI
JIAN NI,REINER L GENTZ,STEVEN M RUBEN

PC C12N15/11,C12N15/63,C12N15/85,C12N15/86,C07K5/00,C07K16/00,
                                                                                                                                                                                                                                                                                            Ni,J., Gentz,R.L. and Ruben,S.M.
Galectin 8, 9, 10 and 10SV
Patent: JP 2001501831-A 37 13-FE
HUMAN GENOME SCIENCES INC
OS Unidentified
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                                                                                                                                                                        Strandedness: Single;
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13 from Patent EP1186673.
                                                                                                       /organism='Unidentified'.
                                                   /organism="unidentified"
/mol_type="genomic DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="synthetic construct"
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/db_xref="taxon:32630"
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Sequence 2 from Patent EP1186673.
AX394604.1 GI:21065717
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 9116 25-MAR-2003;
synthetic construct
synthetic construct
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/noFe="probes to target sequences"
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Sequence 61 from
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Sequence 3 from Patent EP1186673.
AX394605
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/organism="synthetic construct"
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/db_xref="taxon:32630"
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E12391.1 GI:3251224
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OC Artificial sequences.
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Oligonucleotide primer
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G01N27/46
CC Method of electrochemically detecting nucleic acid FH Key
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PR 23-NOV-1998 DE 198 53 957.6,29-APR-1999 DE 199 21 940.0 PI
GERHARD HARTWICH, ADAM HELLER
PC C07H21/00,C07H21/02,C07H21/04,C12N15/09,C12Q1/68,G01N27/12,
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Hartwich,G. and Heller,A.
Method of electrochemically detecting nucleic acid
Patent: JP 2002532386-A 31 02-OCT-2002;
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                                        Wobler, P.K. and Delenstarr, G.C. Calibration of molecular array data Patent: EP 1186673-A 4 13-MAR-2002; Agilent Technologies Inc (US)
                                                                                                                        synthetic construct synthetic construct
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Sequence 4 from Patent EP1186673
AX394606
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                                                                                                             artificial sequences.
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C12Q1/68,C07H21/02,C07H21/04,C12N15/09;
strandedness: Single;
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10-DEC-1996
12-SEP-1995 JP 1995234122
28-MAR-1995 JP 95P 6969
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism="synthetic
                           Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                        organism="unknown"
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90.5%; Pred. No. 7.
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BD187389
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AX011505/c
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1 (bases 1 to 23)

Furukawa,H., Matsui,H., Kawaida,R. and Otsuka,T.

Method for testing anti-osteoporosis agent

Patent: JP 200309871-A 6 14-JAN-2003;

Sankyo Company Limited
OS Artificial Sequence
PN JP 2003009871-A/6
PD 14-JAN-2003

PF 14-JUN-2001 JP 2001180142
PI hidehiko furukawa,hideki matsui,remi kawaida,t
PI 14-DOS Artificial Sequence: PCR primes
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Sequence 2 from Patent WO9955892.
AX011505
AX011505.1 GI:9998055
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Method fo
BD187389
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Equine infectious anemia virus
Viruses; Retroid viruses; Retroviridae; Lentivirus;
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JP 2003009871-A/6.
                                                                              Patent: WO 9955892-A 2 04-NOV-1999; CHARNEAU PIERRE (FR); PIRAT HUESEYIN ZENNOU VERONIQUE (FR)
                                                                                                                                         Charneau, P., Firat, H. and Zennou, V. Use of triplex structure dna sequences
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Similarity 90.5%;
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hidehiko furukawa,hideki matsui,remi kawaida,toshiaki otsuka
Description of Artificial Sequence: PCR primer DAPG1 FH Key
Location/Qualifiers.
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
/organism="Equine infectious anemia virus"
/mol_type="unassigned DNA"
/db_xref="taxon:11665"
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Pred. No. 7.3e+02;
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Pred. No. 7.3e+02;
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BD226392/c
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AX394608/c
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OS Equine infectious anemia virus
pN JP 2002512804-A/2
pD 08-MAY-2002
PD 08-MAY-2002
PF 23-APR-1999 JP 2000546035
PR 24-APR-1999 FR 99/05197
PI PIERE CHAKNEAU, VERONIQUE ZENNOU, HUESEYIN FIRAT PC C12N15/09, A61K48/00, C12N5/10, C12N7/00//A61K35/12, C07K14/16, PC C12N5/00
PC C12N5/00
PC C12N5/00
PC C12N5/00
FF Key
Location/Qualifiers
FT misc_feature (1)..(24).
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Sequence 6 from Patent EP1186673
AX394608
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Equine infectious anemia virus
Viruses; Retroid viruses; Retroviridae; Lentivirus;
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Use of triplex structure
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patent: EP 1186673-A 6 13-MAR-2002;
Agilent Technologies Inc (US)
Location/Qualifiers
                                                                                                                                                                                   sequences
Patent: JP 2002512804-A 2 08-MAY-2002;
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Charneau, P., Zennou, V. and Firat, H.
                                                                                                                                                                                                                                                                                                                                           sequences.
BD226392
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synthetic construct
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/note="Sequence complementaire a double brin"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 7.8e+02
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Best Local Similarity 90.5%;
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Comb, D.G., Perler, F.B., Jack, W.E., Xu, M.-Q., Hodges, R.A.,
Comb, D.G., Chong, S.S.C., Adam, E. and Southworth, M.
Noren, C.J., Chong, S.S.C., Adam, E. and Southworth, M.
Modified proteins comprising controllable intervening protein
sequences or their elements methods of producing same and meth
for purification of a target protein comprised by a modified
              l Similarity
19; Conservat
                                                                                                                                  Ulfendahl, P.J. and Wong, K.C.
Primers for identifying typing or classifying
Patent: WO 0065088-A 413 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
                                                                                                                                                                                                                                                                          AX042847
Sequence 413 from Patent
AX042847
AX042847.1 GI:11341455
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Sequence 41 from patent US
AR053451
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/mol_type="genomic DNA"
/db_xref="taxon:11665"
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                                                                             /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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                                                                 /note="HLA-B Homozygote Primer Sequence"
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           Score 17.8; DB 1;
Pred. No. 8.3e+02;
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Sequence 1644 from Patent W00142511.
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AX183891.1 GI:15135221
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Genotyping reagents, kits and methods.
Patent: WO 0129262-A 1111 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                       note="Primer"
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/db_xref="taxon:32630"
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Matches 19; Conserv
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Bratzler,R.L.
Inhibition of angiogenesis by nucleic acids
Patent: WO 02053141-A 943 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Wobler, P.K. and Delenstarr, G.C. Calibration of molecular array data Patent: EP 1186673-A 8 13-MAR-2002, Agilent Technologies Inc (US)
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                       Sequence 943 from Patent AX547804
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 5552 from Patent
AX692820
                                                                                                                   Patent: EP 1281758-A 5563 05-FEB-2003; Aeomica, Inc. (US)
                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                                                                                                                                          Homo sapiens
                                                                                                                                                                                                                                                                           Sequence 5563 from Patent AX692831
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                        Shannon,M., Gu,Y. and Nguyen,C.T. Four human zinc-finger-containing proteins :
                                                                                                                                                                                                                                     Homo sapiens (human)
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                                               /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Synthetic Sequence"
                                                                                                    Location/Qualifiers
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Pred. No. 8.3e
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Pred. No. 8.3e+02;
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A33476/c
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Synthetic pCAS7 polio
A33476
A33476.1 GI:1567921
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l Similarity 90.5%;
19; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              BD134534 11near PAT 18-SEP-2002 Method for assaying an enzyme perticipating in conjugation with glucuronic acid in human beings, and probe and kit therefor
                                                                             POLIOVIRUS CHIMAERAS
Patent: WO 9015145-A 33 13-DEC-1990;
Location/Qualifiers
                                                                                                                                 synthetic construct artificial sequences.
1 (bases 1 to 24)
                                                                                                                                                                     synthetic construct
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            with glucuronic acid in human beings, and probe Location/Qualifiers
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07-SEP-2000 JP 2000272228
MASUHIRO NISHIMURA,HIROSHI YAGUCHI,SHINSAKU NAITO,ISAO HIRAOKA
MASUHIRO NISHIMURA,HIROSHI YAGUCHI,SHINSAKU NAITO,ISAO HIRAOKA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     source
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                                   /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                         /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism='Human UGT1A10 gene'
Location/Qualifiers
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0.2%;
83.3%;
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Pred. No. 8.8e+02;
0; Mismatches 2
Score 17.6; DB 1;
Pred. No. 8.4e+02;
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                                                                                                                                                                                                                                                                                                                                                                    THORS Miller, L., Lu,A., Bruce,C.B. and Dierks,M.

TLE Biological insect control agents expressing insect specif toxin genes, methods and compositions Patent: JP 2001501824-A 3 13-FEB-2001;

UNIVERSITY OF EXPRGIA RESEARCH FOUNDATION INC,AMERICAN CYALOR DISCORDA CYALOR D
                                                                                                                                                      source
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                                                                                                                                                                                                     Strandedness: Single;
CC Topology: Linear;
FH Key I 1
FT source //
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Miller,L.K., Lu,A., Black,B.Christian. and Dierks,P.Michael.
Biological insect control agents expressing insect-specific toxin
genes, methods and compositions
Patent: US 6235278-A 5 22-MAY-2001;
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Biological insect control
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BD005776.1 GI:18634147
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Similarity 83.3%;
                                                                                                                                                                                                                                                                                                                               PI LOIS MILLER, ALBERT LU, CHRISTIAN BLACK BRUCE, MICHAEL DIERKS
C12N15/12, C12N15/86, C07K14/435, A01N63/02, C12N7/01 CC
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                                                                                                                                                                                                                                                                               Topology: Linear;
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                                                                    /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                        /organism='Unidentified'
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     Score 17.6; DB 1;
Pred. No. 8.4e+02;
                                                                                                                                                                                                                                                       Location/Qualifiers
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Pred. No. 8.4e+02;
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6235278.
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synthetic construct
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artificial sequences.
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Hook,M.A. and Brown,E.L.
Decorin binding protein essential peptides and methods of use
Patent: US 6517838-A 19 11-FEB-2003;
Location/Qualifiers
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AR279659
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Hook, M.A. and Brown, E.L.
Decorin binding protein essential peptides
Patent: US 6517838-A 18 11-FEB-2003;
Location/Qualifiers
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/mol_type="genomic DNA"
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Sequence 182 from Patent
AX042616
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Primers for identifying typing or classifying Patent: WO 0065088-A 138 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
                                                                                                 Ulfendahl, P.J. and Wong, K.C. primers for identifying typing or classifying Patent: WO 0065088-A 271 02-NOV-2000; Amersham Pharmacia Biotech AB (SE)
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ilarity 83.3%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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'note="HLA-A Homozygote Primer Sequence"
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Location/Qualifiers
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                                                   Score 17.6; DB 1;
Pred. No. 8.9e+02;
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Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
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Ulfendahl, P.J. and Wong, K.C.
                        artificial sequences.
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Pred. No. 8.9e+02;
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                                                                                                            Ulfendahl, P.J. and Wong, K.C. Primers for identifying typing or classifying Patent: WO 0065088-A 1083 02-NOV-2000; Amersham Pharmacia Biotech AB (SE)
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AX043641
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Primers for identifying typing or classifying
Patent: WO 0065088-A 1107 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
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llarity 83.3%;
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/noTe="HLA-C Heterozygote Primer
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1272 from Patent W00065088. AX043706 AX043706.1 GI:11342321
                                              Hepatitis C virus
Hepatitis C virus
Viruses; ssRNA positive-strand
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 Pellerin, C. and Kukolj, G. Internal de novo initiation sites of
                                                                                                                      AX320851
Sequence 21 from Patent WO0183736.
AX320851
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Patent: US 6211430-A 10 03-APR-2001;
Location/Qualifiers
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Location/Qualifiers
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Patent: WO 0183736-A 21 08-NOV-2001;
BOEHRINGER INGELHEIM (CANADA) LTD. ()
Location/Qualifiers
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Patent: US 5495070-A 1 27-FEB-1996;
Location/Qualifiers
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Sequence 1 from patent US
I35739
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Sequence 1 from patent US
I21333
I21333.1 GI:1601687
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Transgenic cotton plants producing heterologous butyrate bioplastic Patent: US 5602321-A 1 11-FEB-1997; Location/Qualifiers
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Sequence 13 from
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Patent: US 5608148-A 1 04-MAR-1997;
Location/Qualifiers
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Sequence 1 from patent
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26 bp
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Sequence 11 from Patent W002057467.
AX528907
Lazdunski,M., Lambeau,G. and Valentin,E. Cloning and recombinant expression of mammalian phopholipase a2
Patent: WO 03033689-A 4 24-APR-2003;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CN Location/Qualifiers
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Mok,D.W.S., Mok,M.C. and Martin,R.C.
Enzymes responsible for the metabolism
Patent: US 6600091-A 13 29-UUL-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                        Patent: WO 02057467-A 11 25-JUL-2002,
SCOTTISH CROP RESEARCH INSTITUTE (GB)
Location/Qualifiers
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/mol_type="unassigned DNA"
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Pred. No. 9.4e+02;
0; Mismatches 4
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Pred. No. 9.4e+02;
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1 (bases 1 to 27)
Belagaje,R.Moorthy. and Wu,S.
Beladaje,R.Moorthy. and Wu,S.
Metabotropic glutamate receptor protein
Patent: US 6103524-A 17 15-AUG-2000;
Location/Qualifiers
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Other publication IT MI952539 19970604
Other publication AU 1175497 19970627.
Location/Qualifiers
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Score 17.6; I
Pred. No. 1e+0
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Sequence
AR184822
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 3684 12-FEB-2002;
                                                                                                                                                                                                                                                                                                                                                                                                      Sequence
AR188196
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 310 12-FEB-2002;
Location/Qualifiers
Unclassified.
1 (bases 1 to 27)
Akhtar,S., Fell,P.
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/mol_type="unassigned DNA"
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 and McSwiggen, J.A.
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Pred. No. 1e+03;
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TITLE
                                               unclassified.

VCE 1 (bases 1 to 27)

RS Akhtar,S., Fell,P. and Mcswiggen,J.A.

Enzymatic nucleic acid treatment of diseases or conditions related to levels of epidermal growth factor receptors

Patent: JP 2001511003-A 999 07-AUG-2001;

RIBOZYME PHARMACEUTICALS INC,ASTON UNIV

OS Unidentified
PN JP 2001511003-A/999
PD 07-AUG-2001
PF 14-JAN-1998 JP 1008577777
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OS Unidentified
PN 17-2001511003-A/999
PD 07-AUG-2001
PF 14-JAN-1998 JP 1998532913
PF 14-JAN-1997 US 60/036476,04-DEC-1997 US
SAGHIR AKTRAR, PARTICIA FELL, JAMES A MCSWIGGEN PC
C12N9/00,C07K14/71
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                                                                                                                                                                                                                                                                                 JP 2001511003-A/999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="genomic DNA"
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/db_xref="taxon:9606"
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Pred. No. 1e+03;
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AR038671
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          unidentified unidentified unclassified.
                                     Unclassified.

1 (bases 1 to 19)

Miller,W.L., Lin,D. and Strauss,J.F. III.

Identification of gene mutations associated adrenal hyperplasia

Patent: US 5807678-A 5 15-SEP-1998;
                                                                                                                                                       AR038671
Sequence 5 from
AR038671
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Sequence 6 from Patent WO9717445
A62705
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                                                                                                            Unknown
                                                                                                                                              AR038671.1
                                                                                                                                                                                                                                                                                                                                                                                                Patent: WO 9717445-A 6 15-MAY-1997;
CENTRE NAT RECH SCIENT (FR)
Other publication FR 2711088 19970516.
                                                                                                                                                                                                                                                                                                                                                                                                                                 TOTA, L., Lutz, Y., Trottier, Y., Mandel and Jean-Louis. METHOD FOR TREATING NEURODEGENERATIVE DISEASES USING A OR A FRAGMENT OR DERIVATIVE THEREOF, AND CORRESPONDING PHARMACEUTICAL COMPOSITIONS
                                                                                                                       Unknown.
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Topology: Linear;
The letter 'N' stands
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1. .19
/organism="unknown"
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/mol_type="genomic RNA"
/db_xref="taxon:32644"
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/db_xref="taxon:32644"
/clone="AAD20"
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AR030917
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AR129473
                                                                                                                                                             1 (bases 1 to 20)
Bell,G.I., Yamagata,K., Oda,N., Kaisaki,P.J., E
Horikawa,Y. and Menzel,S.
Mutations in the diabetes susceptibility genes
factor (HNF) 1 alpha (.alpha.), HNF1.beta. and
Patent: US 6187533-A 56 13-FEB-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 20)
Holton, T. Albert., Cornish, E. Cecily.,
Lester, D. Ruth.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Genetic sequences encoding flavonoid pathway enzymes and uses
                                                                                                                                                                                                                                                                Unknown
                                                                                                                                                                                                                                                                             Unknown.
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                                                                                                         /organism="unknown"
/mol_type="unassign;
                                                                                                                                                Location/Qualifiers
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Pred. No. 6.
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Best Local Similarity 94.7%;
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Sequence 7 from Patent WO0071703
AX053083
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                                                                                                                                                                                                                                                                                                                                                                                     1 (bases 1 to 20)
Holton, T. Albert., Cornish, E
Genetic sequences encoding
                    Macleod, A.R., Li, Z. and Besterman, J.M. Inhibition of histone deacetylase Patent: WO 0071703-A 7 30-NOV-2000; Methylgene, Inc. (CA)
                                                                                                                                                                                                                                                                                                                                                    Patent: US 5639870-A 11 17-JUN-1997;
Location/Qualifiers
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I47310
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Holton, T.A., Cornish, E.C.,
                                                                              synthetic construct artificial sequences.
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Pred. No. 6.8e+02;
0; Mismatches 1
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Sequence 57 from Patent
AX067205
                                                                                                                                                                                           synthetic construct
synthetic construct
artificial sequences.
                                                                                                                                         Barry,C., Bougueleret,L., Chumakov,I. and A bap28 gene and protein Patent: WO 0100669-A 57 04-JAN-2001;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mal_type="unassigned DNA"
/db xref="taxon:32630"
/noce="oligonucleotide BAP28polyTcourt"
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Pred. No. 6.8e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Besterman, J.M., Macleod, A.R. and Siders, W.M. Modulation of gene expression by combination therapy Patent: EP 1243290-A 52 25-SEP-2002;
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/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 6.8e+02;
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OS Artificial Sequence
PN JP 2002191369-A/1
PD 09-JUL-2002
PF 27-DEC-2000 JP 2000399573
PF MICHIFUMI TANGA, HIROSHI OKAMURA, KOJIRO TAKAHASHI PC C12N15/09, C12N15
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1 (bases 1 to 20)

Tanga,M., Okamura,H. and Takahashi,K.

Tanga,M. okamura,H. and Tokahashi,K.

Method for carrying out thermal cycle of PCR using DNA-immobilized
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28-MAR-1995 JP 95P 6969
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                /mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                        organism="unidentified"
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Primers for identifying typing or classifying
Patent: WO 0065088-A 978 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
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Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="DRB345 Heterozygote Primer Sequence"
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/mol_type="unassigned
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Pred. No. 8.5e+02;
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8.5e+02;
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                    linear
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                    PAT 23-NOV-2000
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AX754194
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  Amersham Biosciences SV Corp. (US)
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Query Match
Best Local Similarity
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Sequence 53;
AX754185
AX754185.1
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Primers for identifying typing or classifying
Patent: WO 0065088-A 979 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
                                                                                              Homo sapiens (human)
                                                                                                                                                             AX754194
Sequence 541 from Patent
AX754194
                                                                                                                                                                                                                                                                              7 GCAGCAGCAGCAACAGCAG
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Patent: WO 03037931-A 532 08-MAY-2003;
Amersham Biosciances SV Corp. (US)
Location/Qualifiers
Shannon, M. and Phan, T.
Human angiomotin-like protein 1
Patent: WO 03037931-A 541 08-MAY-2003;
                                                               Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Shannon, M. and Phan, T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 94.7%;
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/mal_type="unassigned DNA"
/mb.type="unassigned DNA"
/db xref="taxon:32630"
/noTe="DRB345 Heterozygote Primer Sequence'
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                                                                                                                                                GI:32166891
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Pred. No. 9.6e+02,
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Pred. No. 9.
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                                                               Craniata; Vertebrata; Catarrhini; Hominidae;
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AR029831/c
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AR163080/c
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AR241865/c
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                                                             4013 AAATGAGAAAAAAGAGAGAAAAACAAAA 4039
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Sequence 20 from patent US
AR029831
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Garner, H.R., Wren, J.D., Minna, J.D. and Fondon, J.W. III.
Polymorphic repeats in human genes
Patent: US 6472154-A 153 29-OCT-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AR241865
Sequence 153 from patent
AR241865
                                                                                                                                                                                        1 (bases 1 to 35)
Wang,C.-G. and Hepburn,A.G.
Genetic sequence assay using DNA triple
Patent: US 5861244-A 20 19-JAN-1999;
                                                                                                                                                                                                                                                      Unknown
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Similarity 94.7%;
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ilarity 77.8%;
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/mol_type="unassigned DNJ
/db_xref="taxon:9606"
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                                                                                                                                            /organism="unknown"
/mol_type="unassign
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                                                                                                                                          _type="unassigned DNA"
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Pred. No. 1.1e+03;
0; Mismatches 6;
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Pred. No. 1.5e+03;
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Pred. No. 9.6e+02;
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Takagi,S. and Kamioka,S.
DETERMINATION OF CDNA
Patent: JP 1994303997-A 2 01-NOV-1994;
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Weinstein, J.N. and Buolamwini, J.
Restriction display (RD-PCR) of differentially expressed mRNAs
Patent: US 6270966-A 1 07-AUG-2001;
Location/Qualifiers
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Sequence 1 from patent US
AR163080
AR163080.1 GI:16233563
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E08331.1 GI:2176448
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                                                                                                                                                                                                                                                                  None
Artificial sequences.
JP 1994303997-A/2
01.NOV-1994
16-APR-1993 JP 1993112515
                                                                                                                                                                                                         TAKAGI SHIGERU, KAMIOKA SUKEYUKI C1201/68, C12N15/10; strandedness: Single; topology: Linear; hypothetical: No;
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                                                                                                                                                               source
                                                                                                                                                                                              anti-sense: Yes;
                                              Conservative
                                                                                                                                    /organism='Artificial
                                                                                        /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /mol_type="unassigned
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Pred. No. 6.
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Pred. No. 6.8e+02;
                                              Mismatches
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E08333
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Best Local Similarity
Matches 17; Conserv
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I (bases 1 to 21)
I (bases 1 to 21)
Takagi, S. and Kamioka, S.
DETERMINATION OF CDNA
Patent: JP 1994303997-A 4 01-NOV-1994;
NIPPON TELEGR & TELEPH CORP <NTT>
OS None
OC Artificial sequences.
PN JP 1994303997-A/4
PD 01-NOV-1994
PD 01-NOV-1994
PD 01-RARAGI SHIGERU, KAMIOKA SUKEYUKI
PC C1201/68, C12N15/10;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: Yes;
FH Key Location/Qualifiers
FT source 1..21
FT source 1..21
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E08333.1 GI:2176450
JP 1994303997-A/4.
unidentified
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Takagi,S. and Kamioka,S.
DETERMINATION OF CDNA
Patent: JP 1994303997-A 3 01-NOV-1994;
NIPPON TELEGR & TELEPH CORP <NTT>
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JP 1994303997-A/3.
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JP 1994303997-A/3
01-NOV-1994
16-APR-1993 JP 1993112515
TAKAGI SHIGERU, KAMIOKA SUK
C12Q1/68,C12N15/10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   strandedness: Single;
topology: Linear;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 7.3e+02;
  organism='Artificial sequences'.
                                        location/Qualifiers
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AR361147/c
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22
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Sequence 3 1
AR231470
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 22)
Zheng,H., Jiang,P., Qian,S., Van Der Ploeg,L.H.T., Wong,P.C.Y.
Sisodia,S.S.
                                                                                                                               Methods for detection of transition single-nucleotide polymorphisms Patent: US 6599700-A 7 29-JUL-2003; Location/Qualifiers
                                                                                                                                                                  1 (bases 1 to 22)
Bellacosa, A.
                                                                                                                                                                                         Unclassified.
                                                                                                                                                                                                    Unknown
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Unclassified.
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llarity 86.4%;
Conservative (
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                                            0.2%; Score 17.2; I
larity 86.4%; Pred. No. 8.54
Conservative 0; Mismatches
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                         /organism="unknown"
/mol_type="genomic DNA"
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Pred. No. 8.5e
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Pred. No. 7.9e+02
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RESULT 829
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AX457060
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                                                                                                                    source
                                                                                                                                                  Alzhelmer's disease mutant presenilin 1 protein on presenilin 1 null background.
Patent: JP 2001514528-A 3 11-SEP-2001;
MERCK & CO INC, JOHNS HOPKINS UNIVERSITY PN JP 2001514528-A/3
PD 11-SEP-2001
PF 13-MAY-1998 JP 1998549461
PF 13-MAY-1998 US 60/046488,18-MAR-1998 US 60/046488,18-MAR-1998 US HUI ZHENG,SU QIAN, LEONARDUS H T VAN DER PLOEG, PHILI SANGRAM S SISODIA, PING JIANG
PC C12N5/00,C12N15/00,A61K49/00
CC TOPOlOGY: Linear;
FH Key Linear;
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BD062073
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AX457060
                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutel
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homc
1 (bases 1 to 22)
Zheng,H., Qian,S., Der,L.H.T.V., Wong,P.C., Sisodia,S.S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Homo sapiens
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                  /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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0.2%; Score 17.2; DB 1;
86.4%; Pred. No. 8.5e+02;
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Pred. No. 8.5e+02;
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PLOEG, PHILIP C WONG,
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179497
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1 (bases 1 to :
Kinet, J. Pierre.
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AR123791
        Unknown.
Unclassified.
                                                                                                                                                                                                                                    Molecular indexing for expressed gene analysis Patent: US 5707807-A 4 13-JAN-1998; Location/Qualifiers
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19; Conserv
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Location/Qualifiers
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/mol_type="unassigned
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PD 19-FEB-200
PF 09-AUG-200
PI JUNICHI 00
PC C12N15/09,
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PC G01N33/50
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1 (bases 1 to 23)

Okutsu, J., Kawaida, R., Otsuka, T. and Takahashi, W. Method for testing remedy or preventive for osteo) articular rheumatism patent: JP 2002051782-A 6 19-FEB-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         synthetic construct
synthetic construct
artificial sequences.
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Location/Qualifiers
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BD133515.1 GI:23228460
JP 2002051782-A/6.
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19-FEB-2002
19-FEB-2000
19-AUG-2000 JP 2000241413
JUNICHI OKUTSU,REMI KAWAIDA,TOSHIAKI OTSUKA,WATARU TAKAHASHI
C12N15/09,C07K14/47,C07K16/18,C12Q1/02,C12Q1/66,C12Q1/68, PC
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ilarity 86.4%;
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G01N33/50, G01N33/50, G01N33/53//C12P21/08, C12N15/00
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/mol_type="genomic DNA"
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AR222168
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Gurr, S.J., Mcherson, M.J., Atkinson
Plant parasitic nematode control
Patent: US 5589622-A 9 31-DEC-1996;
Location/Qualifiers
                                                                                                                   1 (bases 1 to 24)
Steele, C.I., Bohlmann, J. and Croteau, R.
Monoterpene synthases from grand fir ()
Patent: US 6429014-A 100 06-AUG-2002;
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/organism='Artificial
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                                                                         /organism="unknown"
/mol_type="genomic |
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="unassign
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                                                                        _type="genomic DNA"
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AR222169
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Steele,C.L., Bohlmann,J. and Croteau,R.B.
Monoterpene synthases from grand fir (Abies
Patent: US 6429014-A 101 06-AUG-2002;
Location/Qualifiers
                                                                                                                                                                                                   N
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Baysal,B.E., Ferrell,R.E., Devlin,B.J. and Willett-Brozick,J.E.
Oxygen sensing and hypoxic selection for tumors
Patent: US 6468789-A 11 22-CCT-2002;
Location/Qualifiers
  1 (bases 1 to 24)
Baysal, B.E., Ferrell, R.E., Devlin, B.J. and Willett-Brozick, J.E. Oxygen sensing and hypoxic selection for tumors
Patent: US 6468789-A 12 22-OCT-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 11 from patent US AR240749
                                                                                                               AR240750
Sequence 12 from patent US
AR240750
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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Pred. No. 9.7e+02;
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Pred. No. 9.7e+02;
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                                                                                                                                                 artificial sequences.

1 (bases 1 to 25)

Pelletier.J. and Das,M.
Oligonucleotide primer capable of making strand formation unstable
Patent: JP 2002532063-A 9 02-OCT-2002;
MCGILL UNIVERSITY
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                    synthetic construct synthetic construct
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BD244864
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Oligonucleotide primer capable
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HAIKLEY, B. A. and Kahn, R. A.
CYTOCHROME P450 MONOOXYGENASES
PATENT: WO 9840470-A 11 17-SEP-1998;
CIBA GEIGY AG (CH); HALKIER BARBARA ANN (DK)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   unidentified
unclassified
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A85331
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                                                                                       Artificial Sequence
JP 2002532063-A/9
02-OCT-2002
06-OCT-1999 JP 2000574722
07-OCT-1998 CA 2246623
                                                  JERRY PELLETIER, MANJULA DAS
C12N15/09, C12Q1/68, C12N15/00
Description of Artificial Sequence:
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/organism='Artificial
Location/Qualifiers
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/mol_type="genomic
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /mol_type="unassigned
/db_xref="taxon:32644"
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PAT 17-JUL-2003

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AR431257
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AR431257
AR431257.1 (
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                                                                                           l Similarity
19; Conserv
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Halkier,B.A., Bak,S., Kahn,R.A. and Moller,B.L.
Cytochrome P450 monooxygenases
Patent: US 6649814-A 11 18-NOV-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                 w
                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 25)
Halkier,B.A., Bak,S., Kahn,R.A. and Moller,B.L.
Cytochrome P450 monooxygenases
Patent: US 630544-A 11 09-OCT-2001;
Location/Qualifiers
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19; Conserv
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AR370671
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                                                                                                                                 /organism="unknown"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 1e+03;
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19; Conserv
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Primers for identifying typing or classifying nucleic acids
Patent: WO 0065088-A 499 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
Ulfendahl, P.J. and Wong, K.C. Primers for identifying typing or classifying Patent: WO 0065088-A 680 02-NOV-2000;
                                                             synthetic construct synthetic construct
                                                                                                      AX043114.1
                                                                                                                  Sequence 680 from Patent AX043114
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Sequence 1058 from Patent
AX043492
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Primers for identifying typing or classifying nucleic acids
Patent: WO 0065088-A 1058 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
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Patent: WO 0065088-A 986 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
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                                                /organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="taxon:32630"
/note="HLA-C Heterozygote Primer Sequence"
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Location/Qualifiers
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Human sodium-hydrogen exchanger like protein 1 Patent: EP 1273660-A 2199 08-JAN-2003; Aeomica, Inc. (US)
                                                                                              Homo sapiens (human)
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Patent: WO 0216649-A 4598 28-FEB-2002;
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                                                                    Eukaryota; Metazoa;
Mammalia; Eutheria;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mal_type="unassigned DNA"
/mal_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Computer Generated Probe
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Primates;
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Pred. No. 1e+03;
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Pred. No. 1e+03;
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                                                                    Craniata; Vertebrata; Catarrhini; Hominidae;
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AX650361
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4583 TTTCCTTGACTGTTCATTTTTT 4604
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Sequence 2201 from Patent
AX650361
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Sequence 2200 from Patent
AX650360
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Similarity 86.4%; Pred. No. 1e+03;
19; Conservative 0; Mismatches 3;
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Similarity 86.4%;
19; Conservative (
                                       Similarity
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1e+03;
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Pred. No. 1e+03;
0; Mismatches 3;
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RESULT 857
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PF 05-WAR-1998 JP 1998539180
PR 07-MAR-1997 EP 97810132.7,08-DEC-1997 EP 97810354
BARBARA ANN HALKIER, SOREN BAK, RACHEL ALICE KAHN, BIRGER PI LINDBERG MOLLER
PC C12N9/02,C12N15/82//C12N15/53
CC Strandedness: Single;
CC Topology: Lines-
FH Ker
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                                                          Method for detecting Heterosigma akashiwo virus
Patent: JP 2001299358-A 6 30-OCT-2001;
DIRECTOR GENERAL OF NATIONAL RESEARCH INSTITUTE OF PISHERIES AND
ENVIRONMENT OF INLAND SEA
OS Artificial Sequence
PN JP 2001299358-A/6
PD 30-OCT-2001
PP 27-APR-2000 JP 2000128327
PI KEIZO NAGASKI
PC C12N15/09,C12Q1/70,C12N15/00
CC Description of Artificial Sequence:synthetic DNA FU
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BD062340.1 GI:22607945
JP 2001299358-A/6.
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BD057791.1 GI:22603397
JP 2001514515-A/6.
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Cytochrome P450 Monooxygenases.
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                                             C12N15/09,C12Q1/70,C12N15/00
Description of Artificial Sequence:synthetic Location/Qualifiers.
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/mol_type="genomic DNA"
/db_xref="taxon:4577"
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organism="synthetic construct"
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Pred. No. 1e+03;
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AR080211
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AR061815
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Ali-Osman,F., Lopez-Berestein,G., Buolamwini,J.K., Lo,H.-W., Keller,C. and Akande,O.
Method of identifying inhibitors of glutathione S-t
                                                                                                                                                                                                                                                                                                                           Sequence 17 from patent US 5968737. AR080211
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St. Multiplex amplification of short tandem repeat loci
Patent: US 5843660-A 7 01-DEC-1998;
Location/Qualifiers
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AR061815
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 BD233946
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/db_xref="taxon:32630"
                                                                                                                                                /mol_type="unassigned DNA"
                                                                                                                                                                                 location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="unknown"
                                                                                                                                                            organism="unknown"
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 PAT 17-JUL-2003
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PROMEGA CORP
OS Homo sap
ON JP 20025
PD 17-SEP-24-NOV-1
PR 25-NOV-1
PR 25-NOV-1
PR C12015/0
PC C12N15/0
PC C12N15/0
PC C12N15/0
PC C3SS1539
FH Key
FT source
                                                                                                                      19;
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Schume, T.W. and Sprecher, C.J.
Multiplex amplification of short tandem
Patent: US 6479235-A 7 12-NOV-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Mammalia; Eutheria; Primates; Catarrhin 1 (bases 1 to 26) Schumm, J.W. and Sprecher, C.J. Multiple amplification of short tandem Patent; JP 2002530121-A 7 17-SEP-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       BD233946
BD233946.1 GI:33
JP 2002530121-A/7
AX577236
Sequence 206 from
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25-NOV-1998 US 09/199542
JAMES W SCHUMM,CUNTHIA J SPRECHER
C12Q1/68,C12N15/09,C12N15/09,G01N33/53,G01N33/566,G01N33/58,
                                                                                                                      Conservative
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JP 2002530121-A/7
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                                                                                                                                                                  /mol_type="genomic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Homo sapiens"
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                                                                                                                                                                               /organism="unknown"
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 Patent
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BD023133

Glutathione S-transferase (GST)
BD023133
BD023133.1 GI:22564356
JP 2001504340-A/13.
Wolinella succinogenes
M Wolinella succinogenes
Bacteria; Proteobacteria; Epsil
Helicobacteraceae; Wolinella.
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AX577236.1
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King Car Food Industrial Co., Ltd. (TW)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Lin,C.Y., Lin,R.W., You,C.M., Huang,H.H., Lee Lin,Y.J., Fan,C.C., Hsu,H.C., Shih,C.W., Yeh, Pan,C.L. and Chan,P.
Method and detector for identifying subtypes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       synthetic construct synthetic construct
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Similarity 86.4%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                                                                                                   /note="Oligonucleotide for Identifying HPV
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                                                                                                      KING CAR FOOD INDUSTRIAL CO LTD

OS Artificial Sequence
PD 17 2002360271-A/186

PF 28-NOV-2001 JW 2001362595
PR 04-MAY-2001 TW 90110785

PI CHING-YEE LING, RUEY-WEN LIN, ZHOU-MENG YOO, XIN-HSUAN HUANG, BO PI HAENG LEE,
PI HAENG LEE,
PI SHENG-HSIUNG LEE, YI-JU LIN, CI-CHUNG HUANG, HAN-CHANG HSU, CHA-WEN SHİ,
PI CHIH-XIN YEH, YI-FENG CAO, CHIH-LONG PAN
PC C12N15/09, C12N15/09, C12M1/34, C12Q1/04, C12Q1/42, C12Q1/68 PC
PC G01N33/53, G001N33/574, G01N33/58, G01N37/00/ (C12M1/34, C12R1:9)
PC G01N37/30, C12R1:93), C12N15/00, C12N15/00

CC 01igonucleotide M3908 for identifying HPV 39. FH Key
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MISSISPPI
PN JP 2001504340-A/13
PD 03-APR-2001
PF 12-NOV-1997 JP 1998522894
PF 12-NOV-1996 US 08/747536
PI FRANCIS ALIOSMAN, GABRIEL LOPEZ BERESTEIN, JOH
GAMIL ANTOUN,
                                                                                                                                                                                                                                                                                                                                                                                             artificial sequences.

1 (bases 1 to 26)

Ling,C., Lin,R., Yoo,Z., Huang,X., Lee,B., Lee,S., Lin,Y.,

Huang,C., Hsu,H., Shi,C., Yeh,C., Cao,Y. and Pan,C.

Method and detector for identifying subtypes of human papiloma

Patent: JP 2002360271-A 186 17-DEC-2002;

KING CAR FOOD INDUSTRIAL CO LTD

OS Artificial Sequence

PN JP 2002360271-A/186

PD 17-DEC-2002
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PC C12N15/09, A61K31/7105, A61K31/711, A61K38/00, A61K39/395 PC
,A61K39/395, A61K45/00,
PC A61K48/00, A61P35/00, A61P43/00, C07K16/40, C12N5/10, C12N9/00
C12N9/10,
PC C12Q1/02, C12N15/00, C12N5/00, A61K37/02
PC C12Q1/02, C12N15/00, C12N5/00, A61K37/02
CC Strandedness: Single;
CC Topology: Linear;
CC Topology: Linear;
PH Key Location/Qualifiers.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Method
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synthetic construct
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12-NOV-1996 US 08/747536
FRANCIS ALIOSMAN, GABRIEL LOPEZ BERESTEIN, JOHN K BUOLAMWINI,
                                                                                                         G01N33/53,G01N33/574,G01N33/58,G01N37/00//(C12M1/34,C12R1:93), (C12Q1/70,C12R1:93),C12N15/00,C12N15/00
Oligonuclectide M3908 for identifying HPV 39. FH Key
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                                                                                                                                                                                                                                                                                                     CHING-YEE LING, RUEY-WEN LIN, ZHOU-MENG YOO, XIN-HSUAN HUANG, BOW HAENG LEE,
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and detector for identifying subtypes
                   /organism='Artificial Sequence'
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/mol_type="genomic DNA"
/db_xref="taxon:844"
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SOURCE
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KEYWORDS
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AR264929/c
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ACCESSION
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                                                             Query Match
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                         4018 AGAAAAAGAGAGAAAACAAAATGTTATTT 4047
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Kurane,R., Kanagawa,T., Kamagata,Y., Kura
Yokomaku,T., Koyama,O. and Furusho,K.

Method for determining a concentration of
molecules, nucleic acid probes for the me
analyzing data obtained by the method
Patent: US 6492121-A 11 10-DEC-2002;
Location/Qualifiers
30 AAAAAAAAAAAAAAAAAAAAAATATATAT
                                                                                                                                                                                                                                                                                                         AR264929
Sequence 13
AR264929
AR264929.1
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AR264927
                                                                                                                                                       1 (bases 1 to 30)

Kurane, R., Kanagawa, T., Kamagata, Y., Kurata, S., Yamada, K., Yokomaku, T., Koyama, O. and Furusho, K.

Method for determining a concentration of target nucleic acid molecules, nucleic acid probes for the method, and method for analyzing data obtained by the method
Patent: US 6492121-A 13 10-DEC-2002;
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                                                                                                     /organism="unknown"
/mol_type="genomic
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                            Location/Qualifiers
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                                                                                                     _type="genomic DNA"
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Pred. No. 1.3e+03;
0; Mismatches 8
                                                Score 17.2; DI
Pred. No. 1.3e
0; Mismatches
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0; Mismatches 3
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BD072874/c
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                                                                                           ORGANISM
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Yokomaku, T., Koyama, O. and Furusho, K.
Wethod for assaying nucleic acid, nucleic acid probe used therefor,
and method for ansaying data obtained by that method
Patent: JP 2001286300-A 10 16-OCT-2001;
JAPAN BIO INDUSTRY ASSOCIATION, KANKYO ENG KK, DIRECTOR GENERAL OF
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND MINISTRY OF
AGRICULTURE FORESTRY AND FISHERIES, TECHNOLOGY
OS Artificial Sequence
PN JP 2001286300-A/10
PD 16-OCT-2001
PD 16-OCT-2001
PF 20-APR-2000 JP 2000120097
PI RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAWAGATA, SHINYA PI
KURATA,
PI KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU, OSAMU KOYAMA, KENTA FURUSHO
PI KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU, OSAMU KOYAMA, KENTA FURUSHO
CC 1201/68, C12M1/00, C12M15/09, G01N31/22, G01N33/53, G01N33/542, PC
C12N15/00
CC The base sequence was prepared synthetically on the aim of CC
                                                                                                                                                                                                                                                                                                                       4018 AGAAAAAAGAGAGAAAAACAAAATGTTATTT 4047
                                                                                                                                                                                                                                                                                                30
artificial sequences.

1 (bases 1 to 30)

Kurane, R., Kanekawa, T., Kamagata, Y., Kurat Yokomaku, T., Koyama, O. and Furusho, K. Method for assaying nucleic acid, nucleic
                                                                                                                                                       30 bp DNA linear PAT 27-AUG-2002 Method for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method.
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                                                                                        synthetic construct
synthetic construct
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JP 2001286300-A/10.
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                                                                                                                                                                                                                                                                                                                                                               Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        with a target
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism='Artificial
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                 73.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                  0.2%;
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                                      Kurata,S.,
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       acid probe used therefor,
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                                        Yamada, K.,
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OS Artificial Sequence
PN JP 2001286300-A/12
PD 16-OCT-2001
PF 20-APR-2000 JP 2000120097
PI RYUICHIRO KURANE, TAKAHIRO KANEK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         and method for analyzing data obtained by that method patent: JP 2001286300-A 12 16-OCT-2010 ENG KK, DIRECTOR GENERAL JAPAN BIO INDUSTRY ASSOCIATION, KANKYO ENG KK, DIRECTOR GENERAL NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND MINISTRY
                                                                                                                                                                                                                                                                         Novel quantitative polymorphism analysis method Patent: JP 2002000275-A 8 08-JAN-2002; JAPAN BIO INDUSTRY ASSOCIATION, KANKYO ENG KK, A
                                                                                                                                                                                                                                                                                                                                              artificial sequences.
1 (bases 1 to 30)
Kurane, R., Kanekawa, T.,
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synthetic construct
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                                                                        examining the
                                                                                         sequence was
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Similarity 73.3%;
                                                                                                                                               KURATA
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               labeled with BODIBY FL/C6 upon
                                                                                      KAZUTAKA YAMADA,TOYOKAZU YOKOMAKU
C12N15/09,C12M1/00,C12M1/34,C12Q1/68,C12N15/00
ence was prepared synthetically on the aim of
                                                                                                                                                        Artificial Sequence
JP 2002000275-A/8
08-JAN-2002
27-JUN-2000 JP 2000193133
RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAMAGATA,
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RYUICHIRO KURANE,TAKAHIRO KANEKAWA,YOICHI KAMAGATA,SHINYA
                                                     decrease in fluorescence emission of a nucleic acid
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
a target
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RESULT 872
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Best Local S
Matches 22
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PC C12N15/09,C12M1/00,C12M1/34,C12Q1/68,C12N15/00
sequence was prepared synthetically on the aim of C
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1 (bases 1 to 30)
Kurane, R., Kanekawa, T.,
 BD145031
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BODIBY FL/C6 upon the hybridization of
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RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAMAGATA, SHINYA
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JP 2002000275-A/10
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quantitative polymorphism analysis method.
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                                                                                                                                                                                                /organism='Artificial
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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PAT 17-JAN-2003
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AUTHORS
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SOURCE
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BD145033/c
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                                                                                  JOURNAL
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Best Local :
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1 (bases 1 to 30)
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Kurane,R., Kanagawa,T., Kamagata,Y., Torimura,M., Kurata,S., Yamada,K. and Yokomaku,T.

Method for assaying nucleic acid, nucleic acid probe used the and method for analyzing data obtained by that method Patent: JP 2002119291-A 14 23-APR-2002;

JAPAN BIOINDUSTRY ASSOCIATION, NATIONAL INSTITUTE OF ADVANCES INDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD OS Artificial Sequence
PN JP 2002119291-A/14
                                                                                                                                                                                                                                                                     BD145033 30 bp DNA linear PAT 17 Method for assaying nucleic acid, nucleic acid probe used and method for analyzing data obtained by that method. BD145033 BD145033.1 GI:27850791 JP 2002119291-A/14.
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PI SHINYA KURATA, KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU PC
C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N1/28,G01N1/28,G01N33/
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Method for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method Patent: JP 2002119291-A 12 23-APR-2002;
JAPAN BIOINDUSTRY ASSOCIATION, NATIONAL INSTITUTE OF ADVANCED INDUSTRYAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD OS Artificial Sequence

OS Artificial Sequence

PN JP 2002119291-A/12
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BD145031.1 GI:27850789
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Conservative
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RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 1.3e+03;
0; Mismatches 8
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                                                                NATIONAL INSTITUTE OF ADVANCED
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                                                                                                     probe used therefor, method
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BD166031/c
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            N Novel nucleic acid probes, method fo nucleic acid by using the probes, an obtained by the method.
BD166031
BD166031
BD166031. GI:27871843
JP 2002191372-A/11.
                                                                                                                                                                                                                                                                                                                                                      Kurane, R., Kanagawa, T., Kamagata, Y., Torimura Kurane, R., Kanagawa, T., Kamagata, Y., Torimura Yamada, K. and Yokomaku, T.

Novel nucleic acid probes, method for determinucleic acid by using the probes, and method obtained by the method Patent: JP 2002191372-A 11 09-JUL-2002;

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCINARYO ENGINEERING CO LTD CANKYO ENGINEERING CO LTD OS Artificial Sequence PN JP 2002191372-A/11

PD 09-JUL-2002

PP 26-SEP-2001 JP 2001295145

PI RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICH TORIMURA, YURANE, KANAGAWA, YOICH TORIMURA, YURANE, KANAGAWA, YOICH PORTANGAMA, YOICH PROGRAMA, YOICH PROGR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4018 AGAAAAAGAGAGAAAACAAAATGTTATTT 4047
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PF 27-APR-2001 JP 2001133529
PF RYUCCHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI PI
TORIMURA,
PI SHINYA KURATA, KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU PC
C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N1/28, G01N1/28, G01N33/ PC
53,
PC G01N33/566, G01N33/58, G01N37/00, G06F17/10, C12N15/00, C12N15/00, PC
G01N1/28,
PC G01N1/28
CC The base sequence was prepared synthetically on the aim of CC
CC E
                                                                                                                                                                                                                                        PI SHINYA KURATA, KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU PC. C12N15/09,C12M1/00,C12Q1/68,G01N33/58//G01N33/53,G01N33/566,C12N15/00
CC The base sequence was prepared synthetically on the aim
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Similarity 73.3%;
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acid.
Key
                                                                                    labeled with
BODIBY FL/C6 upon the hybridization of the
with a target
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                                                                                                                                                                            examining the decrease in fluorescence
                                                                                                                                                                                                                                                                                                                                                                                        09-JUL-2002
26-SEP-2001 JP 2001295145
RYUICHIRO KURANE,TAKAHIRO KANAGAWA,YOICHI KAMAGATA,MASAKI
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 1.3e+03;
0; Mismatches 8
Location/Qualifiers
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                                                                                                                                                                            emission of a nucleic acid
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BD166033/c
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Best Local Similarity
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                                                                                                                                                                          source
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Kurane, R., Kanagawa, T., Kamagata, Y., Torimura Kurane, R., Kanagawa, T., Kamagata, Y., Torimura Yamada, K. and Yokomaku, T.

Novel nucleic acid probes, method for determinucleic acid by using the probes, and method obtained by the method Patent: JP 2002191372-A 13 09-JUL-2002, NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCI KANKYO ENGINERRING CO LTD

OS Artificial Sequence PN JP 2001291372-A/13

PD 09-JUL-2002

PF 26-SEP-2001 JP 2001295145
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FT 8
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CC The base sequence was prepared synthetically on the aim of
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                                                                                                                                                                                                                                                                                                decrease in fluorescence emission of a nucleic labeled with BODIBY FL/C6 upon the hybridization of the
                                                                                                                                                                                                                                                                                                                                                                                                                                            09-JUL-2002
26-SEP-2001 JP 2001295145
RYUICHIRO KURANE,TAKAHIRO KANAGAWA,YOICHĮ KAMAGATA,MASAKI
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                                                              Conservative
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                                                                                                                                                                                                                                                                                     with a target
                                                                                                                                                                                    /organism='Artificial Sequence'
                                                                                                                      /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                                            Score 17.2; DB 1;
Pred. No. 1.3e+03;
0; Mismatches 8;
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Pred. No. 1.3e+03;
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SOURCE
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FEATURES
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ACCESSION
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AR099615/c
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Best Local S
Matches 22
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Sequence 26 :
AR099615
AR099615.1 (
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Extended nucleotide sequences
Patent: EP 0370719-A 97 30-MAY-1990;
IMPERIAL CHEMICAL INDUSTRIES PLC
Location/Qualifiers
Unclassified.
1 (bases 1 to 33)
Jacobsen, R., Jimenez, E.,
                                                                                                                                                                                                                                                                                             Contryphan peptides
Patent: US 6077934-A 26 20-JUN-2000;
Location/Qualifiers
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                                                                                   Sequence 26 from patent US AR120128
                                                                                                                                                                                                                                                                                                                                 Jacobsen, R., Jimenez, E., Cruz, L.J., Olivera, B.M., Grilley, M., Watkins, M. and Hillyard, D.R.
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A08914
                                      Unknown
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Mammalia; Eutheria; Primates;
1 (bases 1 to 31)
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                                                                                                                                                                                                                                                            /mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                          organism="unknown"
                                                                         GI:14102827
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Pred. No. 1.5e+03;
0; Mismatches 8;
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Pred. No. 1.4e+03;
0; Mismatches 8;
 Cruz, L.J.,
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6153738.
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Olivera, B.M., Gray, W.R.,
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Query Match 0.2%;
Best Local Similarity 73.3%;
Matches 22; Conservative
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                                                                  Patent: EP 0522880-A 16 13-JAN-1993; INTERNATIONAL FLOWER DEVELOPMENTS Pty. Location/Qualifiers
                                                                                                                                       artificial sequences.

1 (bases 1 to 17)

Holton, T.A., Cornish, E.C., Kovacic, F., Tanaka
Genetic sequences encoding flavonoid pathway
                                                                                                                                                                                                             synthetic construct synthetic construct
                                                                                                                                                                                                                                                                                       primer sequence 4 from A28997
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Other publication AU 1175497 19970627.
Location/Qualifiers
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Sequence 19 from Patent
A63578
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Patent: US 6153738-A 26 28-NOV-2000;
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Similarity 73.3%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
                                   organism="synthetic construct"
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l_type="unassigned
_xref="taxon:32630"
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; Pred. No. 1.5e
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Pred. No. 1.5e+03;
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patent EP0522880.
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AR104585
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AR104585
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1 (bases 1 to 17)

Manoharan, M. and Maier, M.A.

Manoharan, processes and intermediates
backbone oligomeric compounds

Patent: US 6207819-A 5 27-MAR-2001;

Location/Qualifiers
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Patent: US 6093809-A 132 25-JUL-2000;
Location/Qualifiers
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Cech, T.R. and Lingner, J.
                                                                                                                                                                                                                                                                                                                          Unknown
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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                     GI:17917145
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100.0%; Pred. No. 6.1e+02;
1ve 0; Mismatches 0;
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AR187062
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17; Conserv
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2550 12-FEB-2002;
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2549 12-FEB-2002;
Location/Qualifiers
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Sequence 2549 from patent
AR187061 ·
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Cech, T.R. and Nakamura, T.
          Similarity
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Location/Qualifiers
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2550 from patent US
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/mol_type="unassign
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/mol_type="unassigned DNA"
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AR222463
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Manoharan, M. and Maier, M.A.
Compounds, processes and intermediates
backbone oligomeric compounds
Patent: US 6462184-A 5 08-OCT-2002;
Location/Qualifiers
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Sequence 5 from patent US
AR236087
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Kurz,M., Lohse,P. and Wagner,R.
Peptide acceptor ligation methods
Patent: US 642930-A 23 06-AUG-2002;
Location/Qualifiers
                                                              Sequence 1073
AR323671
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                               Unknown.
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ch 0.2%; Sc
l Similarity 100.0%; P
17; Conservative 0;
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AR323672
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 1074 20-MAY-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J. Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 1073 20-MAY-2003;
                                                                                                                                                                                                    Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; E
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                                                                                                                                                                                                    Sequence 5257 from Patent AX692525
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Unclassified
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                                                                                                                                    Patent: EP 1281758-A 5257 05-FEB-2003;
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                                                    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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B32454 18 bp DNA linear PAT 18-JUN Mammal-derived tissue specific physiologically active protein.
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PALENT: WO 8303623-A 9 27-OCT-1983;
                                                                                                                                                                                                                                                                                                                                      unidentified unclassified.
                                                                                                                                                                                                                                                                                                                                                                                                       Nucleotide sequence 9 A14689
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Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                  unidentified
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                                                                                                                                                                     /organism="unidentified"
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100.0%; Pred. No. 6.1e+02;
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AX028843 Sequence AX028843

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18 bp Patent WO9732023

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1 (bases 1 to 18)

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1 (n, Yusuke, N, and Toshihiro, T.

Mammal-derived tissue specific physiologically active protein Patent: JP 2000037190-A 14 08-FEB-2000;

JAPAN TOBACCO INC
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Kaufman, J.C., Roth, M.E., Lizardi, P.M.,
Binary encoded sequence tags
Patent: US 6383754-A 5 07-MAY-2002;
                                                                                                                                                                                                                                       Unknown
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C12N5/00, C12N15/00, (C12N5/00, C12R1:91)
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C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10,
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JP 2000037190-A/14
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23-JUL-1998 JP 1998225228
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Sequence 28 from Patent WO9732023.
AX028844
                                                                                                   Sequence 5 from Patent WO0112855.
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FLORIGENE LIMITED (AU); BRUGLIERA FILIPPA (AU)
ALBERT (AU); MICHAEL MICHAEL ZENON (AU)
Location/Qualifiers
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ALBERT (AU) ; MICHAEL MICHAEL ZENON (AU)
Location/Qualifiers
   Kaufman, J.C., Roth, M.E.,
                                             synthetic construct synthetic construct
                                                                                        AX085251.1 GI:13275309
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Genetic sequences encoding flavonoid pathway enzymes and
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/db_xref="taxon:32630"
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PD 28-MAY-2002
28-MAY-2002
PF 31-OCT-1997 JP 1998521609
PR 01-NOV-1996 US 08/724973
PI KENNETH JACOBS, JOHN M MCCOY, EDWARD R LAVALLIE, LISA A RACIE,
DAVID MERBERG,
PI MAURICE TREACY, VIKKI SPAULDING, MICHAEL J AGOSTINO PC
C12N15/12, C12N5/10, C07K14/47, C12Q1/68, A61K38/17 CC Strandedness
                                                                                                                                                                                                                                                                                                                                                                                                  Double;
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Secretory proteins and polynucleotides encoding the same Patent: JP 2002515753-A 12 28-MAY-2002;

GENETICS INSTITUTE INC
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                                                                         A79657.1 GI:6092611
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae.

1 (bases 1 to 18)
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JP 2002515753-A/12.
               unclassified
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                                                                                                                                                                                                                                                                                                                    /organism="Rattus"
/mol_type="genomic DNA"
/db_xref="taxon:10114"
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/db_xref="taxon:32630"
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100.0%; Pr
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100.0%; Pred. No. 6.
tive 0; Mismatches
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ive 0; Mismatches
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DEFINITION
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AR313180/c
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Best Local Similarity
Matches 17; Conserv
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5990 CTTGTGTGAAGTCAGGA 6006
                                                                                                                                 1 (bases 1 to 20)
1 (bases 1 to 20)
Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J.,
Sankaran,B. and Fletcher,L.D.
Sankaran,B. pneumoniae polynucleotides and uses thereof
Chlamydia pneumoniae polynucleotides and uses thereof
Patent: US 6559294,A 3717 06-MAY-2003;
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17; Conserv
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AR313180
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Emrich, T., Leying, H., Hinzpeter, M. and F.
Method of detecting telomerase activity
Patent: US 6221584-A 6 24-APR-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence
AR147331
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METHOD OF DETECTING TELOMERASE ACTIVITY
PAtent: WO 9720069-A 6 05-UUN-1997;
BOEHRINGER MANNHEIM GMBH (DE); EMRICH THOMAS (DE)
                                      l Similarity
17; Conserv
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larity 100.0%; Pred. No. 7.9e+02;
Conservative 0; Mismatches 0;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                         /organism="unknown"
/mol_type="genomic DNA"
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Matches 17; Conserv
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Oligonucleotide primer.
                                                                                           and utilization thereof
Patent: WO 0071749-A 9 30-NOV-2000;
Aventis Research & Technology GmbH
Location/Qualifiers
                                                                                                                                     Pignot, M.

Detection system for analyzing molecular
                                                                                                                                                                                                   synthetic construct synthetic construct
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                                                                                                                                                                                                                                                  Sequence 9 from AX052993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               unclassified.
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                                                                                                                                                                                        artificial sequences.
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JP 1996322598-A/3
10-DEC-1996
12-SEP-1995 JP 1995234122
28-MAR-1995 JP 95P 69695
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   topology: Linear;
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                               /mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                  /note="Komponente (b)-2"
                                                                     organism="synthetic construct"
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Score 17; DB 1; L
Pred. No. 9.8e+02;
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Pred. No.
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23-NOV-2000

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Patent: WO 9938969-A 6 05-AUG-1999;
ARENZANA SEISDEDOS FERNANDO (FR); CONCORDET JEAN PAUL (FR); INST
NAT SANTE RECH MED (FR); KROLL MATHIAS (FR); DURAND HERVE (FR);
BENAROUS RICHARD (FR); MARGOTTIN FLORENCE (FR); PASTEUR INSTITUT
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20; Conserv
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Patent: WO 0071749-A 18 30-NOV-2000;
Aventis Research & Technology GmbH &
Location/Qualifiers
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AX019512
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nilarity 80.0%;
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Sequence 397 from Patent
AX042831
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Primers for identifying typing or classifying nucleic acids
Patent: WO 0065088-A 89 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
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89 from Patent WO0065088.
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/mol_type="unassigned DNA"
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                                                              Ulfendahl, P.J: and Wong, K.C. Primers for identifying typing or classifying nucleic acids Patent: WO 0065088-A 479 02-NOV-2000; Amersham Pharmacia Biotech AB (SE)
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Primers for identifying typing or classifying nucleic acids
Patent: WO 0065088-A 397 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
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Location/Qualifiers
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llarity 80.0%;
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon.32630"
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/mol_type="unassigned DNA"
/molsaxef="teaxon:32630"
/note="HLA-B Homozygote Primer Sequence"
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Sequence 628 from Patent WO0065088.
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Sequence 504 from Patent
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                                                                                                                   note="16S rRNA Homozygote Primer Sequence
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                                                                Ulfendahl, P.J. and Wong, K.C. Primers for identifying typing or classifying Patent: WO 0065088-A 1016 02-NOV-2000; Amersham Pharmacia Biotech AB (SE)
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AX043450
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Primers for identifying typing or classifying nucleic
Patent: WO 0065088-A 923 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
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Primers for identifying typing or classifying
Patent: WO 0065088-A 1050 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
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Primers for identifying typing or classifying
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                                                                                                                                                       /note="DRB345 Heterozygote Primer Sequence
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 2277 from Patent
AX532768
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Sequence 1194 from Patent
AX043628
  Shannon, M.,
                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Patent: EP 1239051-A 2277 11-SEP-2002;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mal_type="unassigned DNA"
/mb.ref="taxon:33630"
/noEe="HLA-C Heterozygote Primer Sequence"
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Human beta TrCP protein
Patent: JP 2002501746-A 5 22-JAN-2002;
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Benarous,R., Margottin,F.,
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PR 30-JAN-1998 FR 98/01100,09-DEC-1998 FR 98/1
RICHARD BENAROUS, FLORENCE MARGOTTIN, HERVE DURAND, PI F
ARENZANA SEISDEDOS, MATHIAS KROLL, JEAN PAUL CONCORDET PC
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                                                                                                                                                                                                                                                                                                /organism='Artificial
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PN JP 2002119202-A/27
PD 23-APR-2002
PP 11-CCT-2000 JP 2000311295
PF 11-CCT-2000 JP 2000311295
PF 11-CCT-2000 JP 2000311295
PF 11-CCT-2000 JP 2000311295
PC C12N15/09,A01H5/00,CO7K14/415,CO7K16/16,C12N1/15,C12N1/19,
PC C12N5/10,C12N5/10,C12N9/22,C12P21/02,C12P21/08//C12Q1/02,F
PC C12N15/09,C12R1:91),(C12N15/10,C12R1:91),(C12P21/02,C12R1:91),
PC C12N15/00,C12N5/00,C12N15/00,C12R1:91),(C12N15/00,C12R1:91)
Description of Artificial Sequence:Artificially Synthesized CC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           storage protein
Patent: JP 2002119282-A 27 23-APR-2002;
DIRECTOR GENERAL OF NATIONAL INSTITUTE OF AGROBIOLOGICAL RESOURCES
MINISTRY OF AGRICULTURE FORESTRY AND FISHERIES, BIO ORIENTED
TECHNOLOGY RESEARCH ADVANCEMENT INSTITUTION
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synthetic construct
artificial sequences.
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Takaiwa, F. and Onodera, Y.
BZIP type transcriptional
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artificial sequences.
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WO 0231154-A/27.
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BZIP type transcriptional
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Takaiwa, F. and Onodera, Y.
bZIP transcription factor controlling the expression of rice
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BD143780.1 GI:27849538
JP 2002119282-A/27.
                                                                                                                                            YASUYUKI ONODERA
                                                                                                                                                       NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES, BIO TECHNOLOGY RESEARCH ADVANCEMENT INSTITUTION, FUMIO
                                                                                                                                                                                        reserve protein
Patent: WO 0231154-A 27 18-APR-2002;
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Similarity 80.0%;
                          18-APR-2002
11-OCT-2001 WO 2001JP008936
11-OCT-2000 JP 00P 311295
PUMIO TAKAIWA, YASUYUKI ONODERA
C12N15/29, C12N5/14, C07K14/415, A01H5/00
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                Description of Artificial Sequence: Artificially
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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AR164510
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Re,R. and Cook,J.
Inhibition of cellular proliferation in vitro by oligonucleotide binding to a chromosomal binding site for p53 protein Patent: US 6303328-A 10 16-OCT-2001;
Location/Qualifiers
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AR172578
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Vakharia, V.N. and Yao, K.
Wakharia, V.N. and Yao, K.
Method for generating nonpathogenic infectious pancreatic
virus (IPNV) from synthetic RNA transcripts
Patent: US 6274147-A 1 14-AUG-2001;
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CTTTTTTTTTTTTTTTTTTTTGTCT 4487
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/mol_type="unassigned DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                       /organism="unknown"
/mol_type="unassigned DNA"
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Pred. No. 1.2e+03
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6380 CTTCCCTAAAAAGCTCCTAATGCCC 6404
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Sequence 2 1
AX053078
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Re,R. and Cook,J.
Inhibition of cellular proliferation by oligonucleotide a chromosomal binding site for p33 protein
Patent: US 6645944-A 10 11-NOV-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Unclassified.

1 (bases 1 to 26)

1 (bases, 1 to 26)

1 (bases, 1 to 26)
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Macleod, A.R.,
                      artificial sequences.
                                   synthetic construct synthetic construct
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/mol_type="genomic"
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/mol_type="genomic DNA"
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Besterman, J.M
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20; Conser
                                                                                                                            Macleod, A.R., Li, Z. and Besterman, J.M. Inhibition of histone deacetylase Patent: WO 0071703-A 11 30-NOV-2000;
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/note="Description of Combined DNA/RNA Molecule: Positions 1-4 and 23-26 are 2'.methoxyribose substituted nucleotides; positions 5-22 are deoxyribonucleotides"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                         /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Best; Local Similarity 80.0%;
Matches 20; Conservative
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AX053088
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Molecular characterisation of chromosome translocation
t(11;18)(q21;q21) and its correlation to carcinogenesis
Patent: WO 0073500-A 12 07-DEC-2000;
Vlaams Interuniversitair Instituut voor Biotechnologie vzw. (BE)
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Sequence 12 from Patent WO0073500.
AX055876
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol type="unassigned DNA"
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/note="Description of Combined DNA/RNA Molecule: Posii
1-4 and 23-26 are 2'-methoxyribose substituted
nucleotides; positions 5-22 are deoxyribonucleotides"
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                                                                         /mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="exon No. 2 - 3' end
                                                             human MLT gene"
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                                                                                                                       organism="Homo sapiens"
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synthetic construct
artificial sequences.
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Location/Qualifiers
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                                                                                                                                                                                                  /note="oligonucleotide"
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AX546424
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Best Local Similarity 80.0%;
Matches 20; Conservative
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Sequence 83 from Patent EP1243289.
AX546424
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Sequence 82 from
AX546423
          Methylgene,
               Besterman, J.M., Macleod, A.R. and Siders, W.M. Modulation of gene expression by combination therapy Patent: EP 1243289-A 83 25-SEP-2002; Methylgene, Inc. (CA)
                                                                                          synthetic construct synthetic construct
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Similarity 80.0%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
Location/Qualifiers
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Pred. No. 1.2e+03;
0; Mismatches 5
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linear

PAT 26-NOV-2002

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Gaps

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Besterman, J.M., Macleod, A.R. and Siders, W.M. Modulation of gene expression by combination therapy Patent: EP 1243290-A 83 25-SEP-2002; Methylgene, Inc. (CA)
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RESULT 941
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Kurane,R., Kanagwa,T., Kamagata,Y., Kurata,S., Yamada,K.,

Yokomaku,T., Koyama,O. and Furusho,K.

Method for determining a concentration of target nucleic acid

molecules, nucleic acid probes for the method, and method for

analyzing data obtained by the method

Patent: US 6492121-A 12 10-DEC-2002;
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Sequence 12 from patent US 6492121.
AR264928
AR264928.1 GI:29693315
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Kurane, R., Kanagawa, T., Kamagata, Y., Kurata, S., Yamada, K., Yokomaku, T., Koyama, O. and Furusho, K.

Method for determining a concentration of target nucleic acid molecules, nucleic acid probes for the method, and method for analyzing data obtained by the method

analyzing data obtained by the method

Patent: US 6492121-A 10 10-DEC-2002;
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/db_xref="taxon:32630"
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Pred. No. 1.2e+03;
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RESULT 943 BD072873/c LOCUS

DEFINITION

BD072873 BD072873.1 GI:22618476

JP 2001286300-A/11.

BD072873
30 bp DNA Illical Method for assaying nucleic acid, nucleic acid probe used therefor, analyzing data obtained by that method.

PAT 27-AUG-2002

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4018 AGAAAAAGAGAGAAAACAAAATGT 4042

29 AAAAAAAAAAAAAGAAAAAAAATAT

Query Match

Local

Similarity

0.2%;

Score 17; Pred. No.

DB 1;

Length 30;

4e+03;

FEATURES

/organism='Artificial Sequence'.
Location/Qualifiers

/organism="synthetic construct"
/mol_type="genomic DNA"
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source

SOURCE ORGANISM ACCESSION VERSION KEYWORDS

REFERENCE

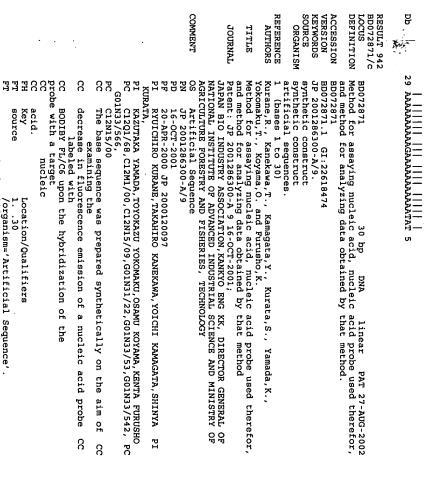
artificial sequences.
1 (bases 1 to 30) synthetic construct synthetic construct

Kurane, R., Kanekawa, T.,

Kamagata,Y.,

Kurata, S., Yamada, K.,

AUTHORS



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AUTHORS
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Method for assaying nucleic acid, nucleic acid probe used therefor, and method for ansaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method Patent: JP 2001286300-A 11 16-OCT-2001;

APAPAN BIO INDUSTRY ASSOCIATION,KANKYO ENG KK, DIRECTOR GENERAL OF NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND MINISTRY OF AGRICULTURE PORESTRY AND FISHERIES, TECHNOLOGY

OS Artificial Sequence
PN JP 2001286300-A/11
PD 16-OCT-2001
PP 20-APR-2000 JP 2000120097
PF 20-APR-2000 JP 2000120097
PF 20-APR-2000 JP 2000120097
PF RYUICHIRO KURANE,TAKAHIRO KANEKAWA,YOICHI KAMAGATA,SHINYA PI KURATA,
PI KAZUTAKA YAMADA,TOYOKAZU YOKOMAKU,OSAMU KOYAMA,KENTA FURUSHO PC C1201/68,C12M1/00,C12N15/09,G01N31/22,G01N33/53,G01N33/542, PC G01N33/566,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4018 AGAAAAAAGAGAGAAAACAAAATGT 4042
                               PI KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU
PC C12N15/09,C12M1/00,C12M1/34,C12Q1/68,C12N15/00 CC
sequence was prepared synthetically on the aim of CC
examining the
CC decrease in fluoron----
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1 (Dases 1 to 30)

Kurane,R., Kanekawa,T., Kamagata,Y., Kurata,S., Yamada,K.
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BD107498
BD107498.1 GI:23202316
JP 2002000275-A/7.
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                                                                                                                                            JP 2002000275-A/7
08-JAN-2002
27-JUN-2000 JP 2000193133
RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAMAGATA, SHINYA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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BODIBY FL/C6 upon the hybridization of the
                                     decrease in fluorescence emission of a nucleic acid probe
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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BD107500
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Novel quantitative polymorphism analysis method
Novel quantitative polymorphism analysis method
Patent: JP 2002000275-A 9 08-JAN-2002;
JAPAN BIO INDUSTRY ASSOCIATION,KANKYO ENG KK, AGENCY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  artificial sequences.
1 (bases 1 to 30)
Kurane, R., Kanekawa, T.,
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                                                                                                                                                                                                                                    probe with a target
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PC C12N15/09, C12M1/00, C12M1/34, C12Q1/68, C12N15/00
sequence was prepared synthetically on the aim of
                                                                                                                                                                                                                                                                                                                                                                     synthetic construct
synthetic construct
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 AAAAAAAAAGAAAAAAAAATAT 5
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                                                                                                                                                                                                                                            labeled with BODIBY FL/C6 upon the hybridization of
                                                                                                                                                                                                                                                                                                                                                   08-JAN-2002
27-JUN-2000 JP 2000193133
RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAWAGATA, SHINYA
                                                   Conservative
                                                                                                                                                                                   source
                                                                                                                                                                                                                                                                           decrease in fluorescence emission of a nucleic acid
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JP 2002000275-A/9
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                                                                                                    /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
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Pred. No. :
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                                                               Score 17;
Pred. No.
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RESULT 946

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RESULT 947
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artificial sequences.

1 (bases 1 to 30)

Kurane, R., Kanagawa, T., Kamagata, Y., Torimura, M., Kurata, S.,

Yamada, K. and Yokomaku, T.

Wethod for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method and method for analyzing data obtained by that probe the patent: JP 2002119291-A 13 23-APR-2002;

JAPAN BIOINDUSTRY ASSOCIATION, NATIONAL INSTITUTE OF ADVANCED JAPAN BIOINDUSTRY ASSOCIATION, NATIONAL INSTITUTE OF ADVANCED JAPAN STORMAN ASSOCIATION AND TRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD
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PN JP 20
PD 23-AE
PF 27-AF
PI RYUIC
TORIMURA,
                                                                                                                                                                                                                                                                                   30 bp DNA Method for assaying nucleic acid, nucleic and method for analyzing data obtained by BD14673
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53,
53,
601N3/566,G01N33/58,G01N37/00,G06F17/10,C12N15/00,C12N15/0
PC G01N1/28,
CG G01N1/28
PC G01N1/28
CG The base sequence was prepared synthetically on the aim of
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BD145032.1 GI:27850790
JP 2002119291-A/13.
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BD145030.1 GI:27850788
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1 (bases 1 to 30)
Kurane,R., Kanagawa,T., K
Yamada,K. and Yokomaku,T.
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                                                                                                                                                                                                                 synthetic construct
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a nucleic acid probe labeled with BODIBY FL/C6
hybridization of
the probe with a target nucleic acid.
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The base sequence was prepared synthetically
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27-APR-2001 JP 2001133529
RYUICHIRO KURANE,TAKAHIRO KANAGAWA,YOICHI KAMAGATA,WASAKI
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/mol_type="genomic DNA"
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Pred. No. 1.4e+03;
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BD166030/c
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Novel nucleic acid probes, method for determining concentrations nucleic acid by using the probes, and method for analyzing data obtained by the method probes, and method for analyzing data obtained by the method patent: JP 2002191372-A 10 09-JUL-2002;

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD

OS Artificial Sequence
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CC The base sequence was prepared synthetically on the aim
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BD166030
BD166030.1 GI:27871842
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Similarity 80.0%;
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                                                                                                                                                                                                                                                                                   09-JUL-2002
26-SEP-2001 JP 2001295145
RYUICHIRO KURANE,TAKAHIRO KANAGAWA,YOICHI KAMAGATA,WASAKI
BODIBY FL/C6 upon the hybridization of
                                                                  decrease in fluorescence emission of a nucleic
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23-APR-2002
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                                                                                                                          The base sequence was prepared synthetically on the aim of
                                                                                                                                                                                                                                                                                                                                                                                      JP 2002191372-A/10
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/db_xref="taxon:32630"
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                                    labeled with
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TORIMURA,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               nucleic acid by using the probes, and method for a obtained by the method patent probes, and method for a national institute of ADVANCED INDUSTRIAL SCIENCE KANKYO ENGINEERING CO LTD OS Artificial Sequence National Natio
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Kurane, R., Kanagawa, T., Kamagata, Y., Torimura, M., Yamada, K. and Yokomaku, T.
Novel nucleic acid probes, method for determining
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BD166032.1 GI:27871844
JP 2002191372-A/12.
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RYUICHIRO KURANE,TAKAHIRO KANAGAWA,YOICHI KAMAGATA,MASAKI
                                                                                                    Conservative
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                                                                                                                                                                                             /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
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Unclassified.

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E Raynolds,M.V. and Perryman,M.Benjamin.

Angiotensin-converting enzyme genetic va

Patent: US S800990-A 1 01-SEP-1998;

Location/Qualifiers

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Sequence
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AR036870.
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Sequence 126 from Patent
AX224972
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Spear, P.G., Warner, M.S., Geraghty, R.J., Martinez, W.M.,
Ontgomery, R.I., Cohen, G.H., Bisenberg, R.J., Whitbeck, C.
Krummenacher, C.
Gray, D.M. and Bollon, A.P.
                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                            Homo sapiens (human)
                                                                                 AX224972.1
                                                                                                                                                                                                                                                                                                                        Cellular proteins which mediate herpesvirus Patent: US 6641818-A 5 04-NOV-2003;
                                                                                                                                                                                                                                                                                                                                                                                            Unclassified
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/mol_type="unassion
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AX317754/c
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AX394603/c
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Sequence 15 from Patent W00190313.
AX317754
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Sequence 1 from Patent EP1186673.
AX394603 GI:21065716
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                                                                               Calibration of molecular array data Patent: EP 1186673-A 1 13-MAR-2002; Agilent Technologies Inc (US)
                                                                                                                                                                     synthetic construct synthetic construct
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
           /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Candida albicans
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Yamamoto,J.I., Isono,Y., Hio,Y., Otsuka,K., Nagai,K., Irie,R.,
Tamechika,I., Seki,N., Yoshikawa,T., Otsuka,M., Nagahari,K. and
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Location/Qualifiers
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Location/Qualifiers
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Patent: EP 1308459-A 4082 07-MAY-2003;
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Saccharomycetales; mitosporic Saccharomycetales;
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/mol_type="unassigned DNA"
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                                                                                                                   /note="an artificially synthesized primer sequence"
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/mol_type="unassigned
/db_xref="taxon:32630"
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Stone, E.M., Sheffield, V.C., Alward, W.I
Glaucoma therapeutics and diagnostics
Patent: US 6403307-A 30 11-JUN-2002;
Location/Qualifiers
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         synthetic construct
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AX088799
AX088799.1 GI:13397595
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                Score 16.8;
Pred. No. 9.9
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Pred. No. 9.2e+02;
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WO03014387.
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                                                                                                                                                                                      .8; DB 1;
. 9.9e+02;
tches 2;
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                                                                                      PAT 17-MAR-2001
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ACCESSION
VERSION
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SOURCE
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BD085490
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AUTHORS
TITLE
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ORGANISM
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ACCESSION
VERSION
KEYWORDS
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BD085483
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Best Local S
Matches 18
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Best Local S
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synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 22)
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7406 GCAACATCAGCAGCAGCAGC 7425
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Synthetic human papillomavirus genes Patent: WO 0114416-A 125 01-MAR-2001; Merck & Co., Inc., (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sasagawa,T.

Method for identifying HPV infection type
Patent: JP 2001321168-A 56 20-NOV-2001;
TOSHIYUKI SASAGAWA
OS Artificial Sequence
PN JP 2001321168-A/56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 22)
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JP 2001321168-A/63.
                                          BD085490 22 bp DN Method for identifying HPV infection
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               BD085490.1 GI:22631100
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                                                                                                                                                                                                                            n 0.2%; Score 16.8; DB 1;
Similarity 90.0%; Pred. No. 9.9e+02;
                                                                                                                                               CATCCTCATCCTCTGAGTTG
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Designed peptide based on HPV virus genome types
Location/Qualifiers
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C12N15/09,C12Q1/68//G01N33/569
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12-MAY-2000 JP 2000140602
                                                                                                                                                                                                                                                                           /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                         /organism='Artificial
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 9.9e+02
0; Mismatches
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                                               type
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                                                                  PAT 27-AUG-2002
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REFERENCE
AUTHORS
TITLE
RESULT 963
BD225273
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SOURCE
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BD085506
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TITLE
                                                                                                                                                                                                                                                    Query Match 0.2%;
Best Local Similarity 90.0%;
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Method for identifying HPV infection type Patent: JP 2001321168-A 79 20-NOV-2001;
TOSHIYUKI SASAGAWA
OS Artificial Sequence
PN JP 2001321168-A/79
PD 20 NOV-2001
PF 12-MAY-2000 JP 2000140602
PF 12-MAY-2000 JP 2000140602
PF TOSHIYUKI SASAGAWA
PC C12N15/09, C12Q1/68//G01N33/569
CC r:a/g, w:a/t, y:c/t, k:g/t
CC Designed peptide based on HPV virus gen
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Method for identifying HPV in Method for 2001321168-A 63 2:

Patent: UP 2001321168-A 63 2:

TOSHIYUKI SASAGAWA
OS Artificial Sequence
PN JP 2001321168-A/63

PD 20-NOV-2001

PD 20-NOV-2001

PF 12-MAY-2000 JP 20001406:

PF 12-MAY-2000 JP 20001406:

PF TOSHIYUKI SASAGAWA
PC C1201168//G011

CC r:a/g, w:a/t, y:c/t, k:c

CC Designed peptide based of the control of the co
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18; Conserv
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Method for identifying HPV infection type
BD085506
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synthetic construct
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1 (bases 1 to 22)
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Designed peptide based on HPV virus
Location/Qualifiers
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C12N15/09,C12Q1/68//G01N33/569
r:a/g, w:a/t, y:c/t, k:g/t
Designed peptide based on HPV virus genome types
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism='Artificial
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 9.9e+02;
0; Mismatches 2
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Pred. No. 9.9e+02;
                                                                                                               21
                                                                                                                                                                                                                         Mismatches
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                                                                                                                                                                                                                                                                              DB 1;
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REFERENCE
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I38915/c
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ACCESSION
VERSION
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I87946/c
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AUTHORS
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JOURNAL
                                                                                                                                                 Matches
                                                                                                                                                               Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                           ORGANISM
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Best Local (
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                                                                                                                       3620 ATGGGGTGGGGGGAGAG 3639
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187946
Sequence
187946
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138915
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Bjursell, K.G., Carlsson, P.N.I., Enerback, C.S.M.,
Lidberg, U. F.P., Nilsson, J.A. and Tornell, J.B.F.
Genomic DNA sequences encoding human BSL/CEL
Patent: US 5616483-A 25 01-APR-1997;
                                                                                                                                                                                                                                                                                                                               Unknown.
Unclassified.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 (bases 1 to 22)
Stone, E.M., Sheffield, V.C., Alward, W.L.M. and
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synthetic construct
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BD225273
BD225273.1 GI:33035043
JP 2002510508-A/28.
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07-APR-1999 JP 2000542490
07-APR-1998 US 09/05628
                                                                                                                                                  Conservative
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EDWIN M STONE,VAL C SHEFFIELD,WALLACE L M ALWARD,JOHN FINGERT C12N15/00,C1201/68,C12N15/00
Description of Artificial Sequence: primer
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Location/Qualifiers
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/mol_type="genomic DNA"
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from patent US 5716817
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Pred. No. 9.9e+02
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                            PAT 10-AUG-1998
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AX767321
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Sequence 124
AX088798
AX088798.1
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Synthetic human papillomavirus genes
Synthetic human papillomavirus genes
Patent: WO 0114416-A 124 01-MAR-2001;
Patrol & Co., Inc. (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              18;
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Tornell, J. Birger.Fredrik.
Transgenic non-human mammals that express human BSSL/CEL
Patent: US 5716817-A 25 10-FEB-1998;
Location/Qualifiers
                                           Magnani,M., Graziano,F. and Ruzzo,A. Mutations of the germinal line in the gene promoter of e-caderine and diagnosis method to identify greater suceptibility to gastric
                                                                                                                                                        Sequence 2 from Patent WO03042409. AX767321
Patent: WO 03042409-A 2 22-MAY-2003;
Universita' Degli Studi Di Urbino (IT)
Location/Qualifiers
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/mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                                                                       /note="Codon-Optimized HPV6 E2 fragment"
                                                                                                                                                                                                                                                                                                                                                                                                o., Inc. (US)
Location/Qualifiers
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6964 GAAGGAATGAGCTAAAAACA 6983
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OS Artificial Sequence
PN WO 0190310-A/7
PD 29-NOV-2001
PF 24-MAY-2001 WO 2001JP004366
PR 25-MAY-2000 JP 00P 155121
PI HIROKKI NISHITCHI, KOICHIRO SANO, REIKO SUGIMOTO, YOICHI UEDA
C12N1/16,C12N1/19,C12N15/52,C12P1/02//A23L1/28 CC Description
Artificial Sequence: primer for PCR FH Key
Location/Qualifiers
1. 23
FT source
/organism='Artificial Sequence'.
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synthetic construct
artificial sequences.

1 (bases 1 to 23)
1 (bases 1 to 23)
Nishiuchi,H., Sano,K., Sugimoto,R. and Ueda,Y.
Method for producing gamma-glutamylcysteine
Patent: WO 0190310-A 7 29-NOV-2001;
AJINOMOTO CO INC,HIROAKI NISHIUCHI,KOICHIRO SANO,REIKO
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               Protein assay
Patent: WO 0050901-A 12 31-AUG-2000;
                                             Craig, R.K. and Colyer, J.
FLUORESCIENCE LIMITED (GB)
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism='Artificial Sequence'
Location/Qualifiers
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/mol type="unassigned DNA"
/db xref="taxon:32630"
/noTe="PCR primer for identific
                                                                                                construct
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AR146085.1
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1 (bases 1 to 25)
1 (Romano, J.W., Shurtliff, R. and Williams, K.G.
1 Isothermal transcription based assay for the detection and quantification of chemokines rantes, MIP-1.alpha. and MIP-1.beta Patent: US 6218154-A 34 17-APR-2001;
1 Location/Qualifiers
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Sequence 6 from Patent WO0218951.
AX498250
                                                                                                                                                                                          Unclassified
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Patent: WO 0218951-A 6 07-MAR-2002; 
THE ROCKEPELLER UNIVERSITY (US) 
Location/Qualifiers
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                      GCAGCCTCTACTCCCAGCAA 5305
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                      /mol_type="unassigned DNA"
                                                                                                   organism="unknown"
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Pred. No. 1.1e+03;
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1 (bases 1 to 25)

1 (bases 1 to 25)

Mirabelli, C.K., Ecker, D.J., Vickers, T.A. and Identification of novel drugs and reagents Patent: US 5639595-A 10 17-JUN-1997;

Location/Qualifiers
Ulfendahl, P.J. and Wong, K.C. Primers for identifying typing or classifying nucleic Patent: WO 0065088-A 299 02-NOV-2000;
                                                                       synthetic construct synthetic construct
                                                                                                                                AX042733
Sequence 299 from Patent
AX042733
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Cronin,M.T., Miyada,G., Trulson,M., Gingeras,T.R.,
Robinson,C. and Smedsrud-Oval,M.
                                                          artificial sequences.
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Similarity 90.0%;
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/mol_type="genomic |
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/mol_type="unassigned
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Primers for identifying typing or classifying
Patent: WO 0065088-A 1078 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
                                                                                                                        Ulfendahl, P.J. and Wong, K.C.
Primers for identifying typing or classifying
Patent: WO 0065088-A 1180 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
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AX043614
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                                                            /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                /note="HLA-C Heterozygote Primer Sequence"
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Pred. No. 1.2e+03;
            Score 16.8; DB 1;
Pred. No. 1.2e+03;
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RESULT 979
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Patent: WO 0181582-A 23 01-NOV-2001,
University of Maryland, Baltimore (U
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Sequence 1 from Patent WO0218951
AX498245
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/note="PCR Primer"
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1 (bases 1 to 30)
Mandrand,B., Cros,P., [
REAGENT AND METHOD FOR
SIGNAL AMPLIFICATION
                                                               unidentified unidentified
                                                                                                      A43784.1
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Mammalia; Eutheria; Primates;
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Four human zinc-finger-containing proteins :
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Other publication FR 2710075
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BIO MERIEUX (FR)
                                                                                                             Oerum, H. and Seeger, C. METHOD FOR GENERATING MULTIPLE DOUBLE Patent: WO 9720068-A 7 05-JUN-1997; BOEHRINGER MANNHEIM GMBH (DE)
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JP 1992330093-A/2.
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Sequence 7 from patent US
AR179070
AR179070.1 GI:20220625
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Orum, H. and Seeger, C.
Method for generating multiple double
Patent: US 6326143-A 3 04-DEC-2001;
Location/Qualifiers
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Sequence 3 from patent US
AR179066
AR179066.1 GI:20220621
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Orum, H. and Seeger, C.
Method for generating multiple double stranded:
Patent: US 6326143-A 7 04-DEC-2001;
                                                                                                                                                                                                                                                                                                                                   Unknown.
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llarity 75.0%;
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larity 75.0%;
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/mol_type="unassion=
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/mol_type="unassigned DNA"
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Pred. No. 1.5e+03;
0; Mismatches
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Pred. No. 1.5e+03;
0; Mismatches 7
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Patent: JP 1992330093-A 2 18-NOV-1992;
TAKEDA CHEM IND LTD
OS Artificial gene
OC Artificial sequence; Genes.
PN JP 1992330093-A/2
                                                                                                                                                                                                                                                           signal amplification
patent: US 5695936-A 9 09-DEC-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                               Reagent and method for the detection
                                                                                                                                                                                                                                                                                                                                        1 (bases 1 to 30)
Mandrand, B., Cros, P., Delair, T., Charles, M.-H., Brout, M.-N. and
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07-JUN-1991 JP 1991136086
20-JUL-1990 JP 90P 190762
TANIMURA HIROSHI, IMADA MICHI
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1094 from Patent
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/mol_type="genomic RNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                  /organism="unknown"
/mol_type="unassigned DNA"
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Pred. No. 1.5e+03;
0; Mismatches 7;
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Pred. No. 1.5e+03
0; Mismatches
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AX474673/c
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Sequence 1095 from Patent
AX104903
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                           Tokunaga, T., Ishiguro, T. and Horie, R.
Novel fluorescent dye and method of measuring nucleic acid
Patent: Ep 123326-A 1 17-UUL-2002;
Tosoh Corporation (JP)
                                                                                                                      synthetic construct synthetic construct
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/db_xref="taxon:32630"
/note="Synthetic Sequence"
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/mol_type="unassigned DNA"
/mol_type="unassigned DNA"
/db xrefs"ttaxon:32630"
/noce="Synthetic Sequence"
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4012 AAAATGAGAAAAAAAGAGAGAAAAAACAAAA 4039
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                                                                                                                                                                            Utermohlen, J.G. and Connaughton, J.
Oligonucleotides for labeling oligonucleotide
Patent: WO 0222874-A 115 21-MAR-2002;
VENTANA MEDICAL SYSTEMS, INC. (US)
Location/Qualifiers
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Sequence 2 from Patent EP1223226.
AX474674
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Sequence 115 from Patent
AX521609
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Novel fluorescent dye and method of measuring nucleic Patent: EP 1223226-A 2 17-JUL-2002;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                           Score 16.8; DB 1
Pred. No. 1.5e+03
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Pred. No. 1.5e+03;
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WO0222874.
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No. 1.5e+03;
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Length 30; Indels

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PAT 05-OCT-2002

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LA JOLLA PHARMACEUTICAL CO

Artificial Sequence
PN JP 2001354569-A/1

PD 25-DEC-2001

PD 25-DEC-2001

PP 04-APR-2001 JP 2001106534

PR 16-JAN-1990 US 466138,13-MAR-1990 US 494118 PI

MICHAEL J CONRAD, STEPHEN COUTTS

PC A61K31/7088,A61K47/48,A61P37/02,C07K14/00,C12N15/00,C12N15/00

CC Synthetic Construct
FH Key

FT source

/organism='Artificial Sequence'.
                                                     Weisburg, W.G., Stull, P.D. and Reshatoff, M.R.
Methods of nucleic acid detection
Patent: JP 2002509443-A 2 26-MAR-2002;
GEN PROBE INC
OS Artificial Sequence
PN JP 2002509443-A/2
PD 26-MAR-2002
PP 30-CCT-1998 JP 199526687
PR 31-OCT-1997 US 60/063969
PR 31-OCT-1997 US 60/063969
PI WILLIAM G WEISBURG, PAUL D STULL, MICHAEL R
C12Q1/68
CC Description of Artificial Sequence: synthe
FH Key Location/Qualifiers.
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BD132851
BD132851. GI:23227796
JP 2002509443-A/2.
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Conjugates of biologically stable polymers
treating systemic lupus erythematosus
Patent: JP 2001354569-A 1 25-DEC-2001;
LA JOLLA PHARMACEUTICAL CO
OS Artificial Sequence
PN JP 2001354569-A/1
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BD105776.1 GI:22651350
JP 2001354569-A/1.
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                                                                                                   Artificial Sequence
JP 2002509443-A/2
26-MAR-2002
30-OCT-1998 JP 1999526687
31-OCT-1997 US 60/063969
WILLIAM G WEISBURG, PAUL D STULL, MICHAEL R RESHATOFF PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                     Description of Artificial Sequence: synthetic oligonucleotide
/organism="synthetic construct"
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Location/Qualifiers
                                        Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 1.5e+03;
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BD181359
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Best Local Similarity 75.0%;
Matches 21; Conservative
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              11-JAN-2002 JP 2002005267
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4012 AAAATGAGAAAAAAGAGAGAGAAAAAAA 4039
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                                                                       artificial sequences.

1 (bases 1 to 30)

Tokunaga, T., Ishiguro, T. and Horie, R.

Novel fluorescent colorant and method of assaying nucleic Patent; JP 2002327130-A 2 15-NOV-2002;
                                                                                                                                                                                                                                                          Novel fluorescent colorant BD181359
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Tokunaga, T., Ishiguro, T. and Horie, R.
Novel fluorescent colorant and method of assaying nucleic acid
Patent: JP 2002327130-A 1 15-NOV-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PF 11-JAN-2002 JP 2002005267
PI TAKUMI TOKUNAGA, TAKAHIKO ISHIGURO, RYUICHI HORIE PC
C09B23/00, C07D417/14, C07H21/04, C09K11/06, C12N15/09, C12Q1/68,
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Artificial Sequence
JP 2002327130-A/2
15-NOV-2002
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JP 2002327130-A/1
15-NOV-2002
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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Pred. No. 1.5e+03;
0; Mismatches 7
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Pred. No. 1.5e+03;
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and method of assaying nucleic acid
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BD011883/c
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                                                                                                                                                                                                                                                                                                        PF 22-JUN-2000 WO 2000JP004095
PF 22-JUN-1999 JP 99P 175928
PI NAOKAZU TAKEDA, KATSURO NATORI, TATSUO MIYAMURA, KUNIO PI KAMATA, TOSHINORI SATO,
PI SEIYA SATO
PC G01N33/569,C12N15/40
FH Kev
                                                                                                                                                                                                                                                                                                                                                                                      Detection kit for SRSV

Patent: WO 0079280-A 13 28-DEC-2000;

JAPAN AS REPRESENTED BY DIRECTOR GE YOSHIHIKO HIROSE, MITSUAKI MORIGUCHI, KIMIYASU ISOBE DISEASES, DENKA SEIKEN CO LTD, NAOKAZU TAKEDA, KATSURO NATORI, TATSUO MIYAMURA, KUNIO KAMATA, TOSHINORI SATO, SEIYA SATO
OS ALTIficial Sequence
PN WO 0079280-A/13
PD 28-DEC-2000
PF 22-JUN-2000 WO 2000JP004095
PR 22-JUN-1999 JP 99P 175928
PR 22-JUN-1999 JP 99P 175928
PR 1NAOKAZU TAKEDA, KATSURO NATORI, TATSUO MIYAMURA, KUNIO PI
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AR408831
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AR408831
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CO9B23/00, C07D417/14, C07H21/04, C09K11/06, C12N15/09, C12Q1/68,
G01N33/58,
PC C12N15/00
CC GA30mer
FH Key
FH Key
FT source 1.30
FT source /organism='Artificial Sequence'.
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1 (bases 1 to 33)
Takeda, N., Natori, K., Miyamura, T.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             synthetic construct
synthetic construct
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WO 0079280-A/13.
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                 26
                                                                                                                                                                                                                               /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                              PAT 18-DEC-2003
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AX477002
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Brennan, T.M., Chatelain, F. and Berninger, M.

Method and apparatus for performing large numbers

using array assembly with releasable primers

Patent: US 6632641-A 26 14-OCT-2003;

Location/Qualifiers
          Bodnar, J.S., Castellani, L.W., Chatterjee, A., de Jong, P., Lusis, A.J., Ohmen, J., Ross, D., Tafuri, S. and Wu, C. Gene and sequence variation associated with cancer Patent: WO 0220848-A 93 14-MAR-2002;
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
                                                                                                                   synthetic construct synthetic construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Brennan, T.M., Chatelain, F. and Berninger, M. Method and apparatus for performing large n using array assembly Patent: WO 0127327-A 26 19-APR-2001;
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Sequence 26 from Patent WO0127327.
AX133967
                                                                                                 artificial sequences.
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Homo sapiens
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Similarity 82.6%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
                                                                                                                                                              GI:22216255
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; Pred. No. 1.1e
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Pred. No. 1.1e+03;
0; Mismatches 4
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AX526378/c
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Best Local Similarity 82.6%;
Matches 19; Conservative
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Best Local Similarity 82.6
Matches 19; Conservative
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                                                                                                                                                                                    unidentified unidentified unclassified.
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                                                                                              IMMUNE-EVADING PROTEINS
PATENT: WO 9632483-A 14 17-OCT-1996;
MASUCCI MARIA GRAZIA (SE)
Other publication AU 5284296 961030.
Location/Qualifiers
                                                                                                                                                                                                                                               A57522 24 bp
Sequence 14 from Patent WO9632483.
A57522
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THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
Location/Qualifiers
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Sequence 93 from Patent WO0220847.
AX526378
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synthetic construct
artificial sequences.
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            Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                    /note="Synthetic Primer"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                               /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 1.1e+03;
0; Mismatches 4;
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Pred. No. 1.1e+03;
0; Mismatches 4;
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          Score 16.6; DB 1;
Pred. No. 1.2e+03;
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Sequence
AR052988
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Matson,R.S., Coassin,P.J., Rampal,J.B.
Oligonucleotide repeat arrays
Patent: US 5981185-A 27 09-NOV-1999;
Location/Qualifiers
                                                                                AR142740
Sequence 4 from patent US
AR142740
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 1 (bases 1 to
                                                                    AR142740.1
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Location/Qualifiers
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              Unclassified.
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Similarity 82.6%; Pred. No. 1.2e+03;
19; Conservative 0; Mismatches 4
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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CELL GENESYS INC
OS Arificial Sequence
PN JP 2002516345-A/6
PD 04-JUN-2002
PF 27-MAY-1999 US 09/00
PF 27-MAY-1999 US 09/0
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Homo sapiens
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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BD248780
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27-MAY-1999 JP 2000550980
27-MAY-1998 US 09/084423
LAWRENCE K COHEN,KAYE S SPRATT,LINDA COUTO
A61K48/00,A61K35/76,A61P7/04//A61K38/43,C12N15/09,A61K37/465,
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larity 82.6%;
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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     Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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Beauvillain,J.C., Coulouarn,Y., Jegou,S.,
Urotensins II of mammals and their uses
Patent: JP 2002530110-A 7 17-SEP-2002;
INSTITUT NATIONAL DE LA SANTE ET DE LA REG
OS Homo sapiens (human)
PN JP 2002530110-A/7
                                                                                                                                                       l Similarity
19; Conservat
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Dean,N.M. and Cowsert,L.M.
Antisense inhibition of HPK/GCK-like
Patent: US 6346416-A 5 12-FEB-2002;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                Unclassified.
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PI HUBERT VAUDRY
PC C12N15/09,A61K38/00,A61K48/00,A61P9/12,A61P25/00,A61P25/28,
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ilarity 82.6%;
Conservative
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26-NOV-1998 FR 98/14914
JEAN CLAUDE BEAUVILLAIN, YOLAINE COULOUARN, SYLVIE
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18 from Patent WO02072806
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                      /organism="unknown"
/mol_type="unassigned DNA"
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EE 1 (bases 1 to 24)

RS Kilian, A. and Bowtell, D.

RS KILIAN, BIOSYSTEMS LLC, PETER MACCALLUM CANCER INSTITUTE

CAMBIA BOOKER ASSOCIATED

CAMBIA BIOSYSTEMS LLC, PETER MACCALLUM CANCER INSTITUTE

CAMBIA BIOSYSTEMS LLC, P
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Patent: WO 02072806-A 18 19-SEP-2002;
Max-Planck-Cesellschaft zur Foerderung der Wissenschaften e.V.
, Koller, Klaus-Peter (DE) ; Lange, Gudrun (DE) ; Sauber, Klaus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      synthetic construct
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llarity 82.6%;
Conservative
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                                                                                                                                                                                                                                /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                  /organism='Artificial Location/Qualifiers
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/db_xref="taxon:32630"
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Pred. No. 1.2e+03;
0; Mismatches 4;
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Pred. No. 1.2e+03;
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AR011817/c
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Best Local Similarity
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Gold, L. and Jayasena, S.D.
Nucleic acid ligand inhibitors to DN
Patent: US 5763173-A 12 09-JUN-1998;
Location/Qualifiers
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AR011817
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A70981
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AR177460
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Uhlen,M. and Lundeberg,J.
THE USE OF MODULAR OLIGONUCLEOTIDES AS
1 (bases 1 to 25)
Presnell,S.R., Feldhaus,A.L. and Gao,
Murine interferor. alpha
Patent: US 6312924-A 10 06-NOV-2001;
                                            Unknown.
Unclassified.
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Patent: WO 9813522-A 35 02-APR-1998;
DZIEGLEWSKA HANNA EVA (GB)
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Patent: JP 2002530091-A 344 17-SEP-2002;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
OS Canis familiaris (dog)
PN JP 2002530091-A/344
PD 17-SEP-2002
PF 15-NOV-1999 JP 2000582596
PF 15-NOV-1999 JP 2000582596
PF 13-NOV-1999 US 60/108193
PI FRANCIS GALIBERG, CAPTHERINE ANDRE
PC C12N15/09, C12Q1/68, C12N15/00
CC B0173
FH Key
FT Source 1.25
FT Source 1.25
FT Source 1.25
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      1 (bases 1 to 25)
Pelletier, J., Gros, P. and Dubow, M.
Development of novel antibiotics based on bacteriophage genomics
Patent: JP 2002531107-A 55 24-SEP-2002;
                                                                                        unidentified
                                                                                                                                                                             BD245320
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Galibert, F. and Andre, C.
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Mammalia; Eutheria; Carnivora; Fissipedia; Canidae;
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PHAGETECH INC
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ilarity 82.6%;
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/mol_type="unassigned DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:9615"
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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PN UP 2002531107-A/55
PD 24-SEP-2002
PF 03-DEC-1999 UP 2000585456
PF 03-DEC-1999 US 60/110992,03-JUN-1999 US 09/326144 PR
28-SEP-1999 US 09/407804,30-SEP-1999 US 60/157218 PR
01-DEC-1999 US 60/168777,02-DEC-1999 US 09/454252 PI JERRY
PC C12N15/09,A01N63/00,A61K38/00,A61K45/00,A61P31/04,C07K14/005,
PC C12N15/09,A01N63/00,A61K38/00,A61K45/00,A61P31/04,C07K14/005,
PC C12N15/09,CC                                                                                                                                                                                                                             PR 03-DEC-1998 US 60/110992,03-JUN-1999 US 09/326144 PR
28-SEP-1999 US 09/407804,30-SEP-1999 US 60/157218 PR
01-DEC-1999 US 09/407804,30-SEP-1999 US 09/454252 PI JERRY
PELLETIER, PHILLIPPE GROS, MICHAEL DUBOW
PC C12N15/09,A01N63/00,A61K38/00,A61K45/00,A61P31/04,C07K14/005,
PC C12N1/00,
PC C12N1/21,C12Q1/02,C12Q1/68,G01N33/15,G01N33/50,G01N33/566, PC
C12N15/00,
PC A61K37/02
C Ribosome binding sequence
FH Key
Location/Qualifiers
FT source
7/organism='Staphylococcus
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Pelletier, J., Gros, P. and Dubow, M.
Pelletier of novel antibiotics based on bacteriophage genomics
Patent: JP 2002531107-A 198 24-SEP-2002;
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Similarity 82.6%;
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17 2002531107-A/198

24-SEP-2002

03-DEC-1999 JP 2000585456

03-DEC-1998 US 60/110992,03-JUN-1999
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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         AX042544
Sequence 110 from Patent
AX042544
AX042544.1 GI:11341152
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Presmell, S.R., Feldhaus, A.L. and Gao,
Murine interferon.alpha
Patent: US 6548056-A 10 15-APR-2003;
Location/Qualifiers
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Sequence 10 from patent US
AR305648
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GOld, L. and Jayasena, S.D.
Nucleic acid ligand inhibitors to DNA
Patent: US 5693502-A 12 02-DEC-1997;
Location/Qualifiers
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177140
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/mol_type="unassigned DNA"
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/mol_type="genomic DNA"
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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Primers for identifying typing or classifying
Patent: WO 0065088-A 365 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
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Sequence 455 from Patent
AX042889
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                                                 Ulfendahl, P.J. and Wong, K.C. Primers for identifying typing or classifying Patent: WO 0065080-A 455 02-NOV-2000; Amersham Pharmacia Biotech AB (SE)
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Sequence 365 from Patent
AX042799
AX042799.1 GI:11341407
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Similarity 82.6%;
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                  Location/Qualifiers
1. .25
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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organism="synthetic construct"
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Location/Qualifiers
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Location/Qualifiers
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Primers for identifying typing or classifying nucleic acids
Patent: WO 0065088-A 720 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
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Primers for identifying typing or classifying nucleic acids
Patent: WO 0065088-A 1141 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
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Sequence 1216 from Patent
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                                                                                                           /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="texon.32630"
/noTe="HLA-C Heterozygote Primer
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                                                                                               note="HLA-C Heterozygote Primer"
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03.
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Sequence 4 from Patent WO0157245.
AX210197
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                      AX502372.1 GI:23384665
                                 Sequence 3679
AX502372
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Laethem,K., de Clercq,E., Vandamme,A.M. and
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Human immunodeficiency virus 1
Viruses; Retroid viruses; Retroviridae; Lentivirus;
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sapiens (human)
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ven Research & Development (
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/mol_type="unassigned DNA"
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4040 TGTTATTTTATACCATAACTTG 4062
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                                                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                    Human testis expressed patched like protein Patent: EP 1229046-A 3681 07-AUG-2002;
                                                                                                                                                                                 Homo sapiens
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/mol_type="unassigned DNA"
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organism="Homo sapiens"/
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AX533829
AX533829.1 GI:25259398
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AX533828
AX533828.1 GI:25259396
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Patent: EP 1239051-A 3338 11-SEP-2002;
Aeomica, Inc. (US)
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: EP 1239051-A 3337 11-SEP-2002;
Aeomica, Inc. (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                TGCCTTCTCCCTGGGCAGGGAGA 6879
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llarity 82.6%;
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                                                                                               /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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RESULT 1040
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AX754701/c
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Best Local S
Matches 19
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Synthetic construct DNA, reverse primer for Japanese micromatellite sequence Poli110TUF.
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TCS Cellworks Ltd (GB)
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                                         microsatellite sequence AB086504
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Patent: EP 1239051-A 3339 11-SEP-2002;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 82.6%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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RESULT 1041
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Method for melting curve a
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BD165916.1 GI:27871728
JP 2002191384-A/4.
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                                                                                                                                                                                                                                                                                                                                       Method for melting curve analysis of repetitive pcr products Patent: EP 1207210-A 4 22-MAY-2002; Roche Diagnostics GmbH (DE) ; F. HOFFMANN-LA ROCHE AG (CH)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Coimbra, M.R.M., Kobayashi, K., Koretsugu, S., Hasegawa, O., Ohara, Ozaki, A., Sakamoto, T., Naruse, K. and Okamoto, N.
Direct Submission
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sequence Poli110TUF"
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|mol_type="genomic DNA"
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Pred. No. 1.3e+03;
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                          7413 CAGCAGCAGCAGCAGCAG 7430
                                                                                                                                                                                                                                                                          artificial sequences.

1 (bases 1 to 18)

Kusu,M., Qiu,G. and Hunfrees,R.
CANCER CELL VACCINE
PARENT: JP 2002531582-A 47 24-SEE
ANTIGEN EXPRESS INC
OS Artificial Sequence
PN JP 2002531582-A/47
18
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Dietmaler,W.
Method for melting curve analysis of repetitive PCR products
Patent: JP 2002191384-A 4 09-JUL-2002;
P HOFFMANN LA ROCHE AG
                                                                                                                                                                         ECCCPRPP S
                                                                                                                                                                                                                                                                                                                                                                                      synthetic construct
synthetic construct
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CANCER CELL VACCINE.
BD274822
BD274822.1 GI:33084590
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minzhen kusu gang qiu,robert hunfrees
Description of Artificial Sequence: au
corresponding
to a specific region of the mouse Ii q
Key
Location/Qualifiers.
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ilarity 71.0%;
Conservative
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C12N15/09,C12Q1/68,C12N15/00
Method for melting curve analysis of
Key
Location/Qualifiers
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13-NOV-2001 JP 2001348017
15-NOV-2000 EP 00124897.0
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24-NOV-1999 JP 2000586901
04-DEC-1998 US 09/2059
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JP 2002191384-A/4
                                                    Conservative
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                                                                                                    /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                       Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                               0.2%;
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                                                   Score 16.4; D: Pred. No. 8.5e 0; Mismatches
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Pred. No. 1.7e+03;
0; Mismatches
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DEFINITION
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AUTHORS
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AR205288/c
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AR196702/c
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AR196702
                                                                                                                                                                                                                                                                                        Xu,M., Qiu,G. and Humphreys,R.
MRC class II antigen presenting cells
which inhibit II protein expression
Patent: US 6368855-A 48 09-APR-2002;
Location/Qualifiers
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Zwick, M.G., Edington, B.E., McSwiggen, J.A., Me
Guo, L., Skokut, T.A., Young, S.A., Folkerts, O.
Nucleic acid encoding delta-9 desaturase
Patent: US 6350934-A 1167 26-FEB-2002;
Location/Qualifiers
Linnarsson, S.G., Ernfors, P.G. and Bauren, G.G. A method and an algorithm for mrna expression Patent: WO 0208461-A 18 31-JAN-2002;
                                                    synthetic synthetic
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                                        artificial sequences.
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/mol_type="unassigned DNA"
                                                    construct
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Pred. No. 8.5e+02;
0; Mismatches '1
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Pred. No. 8.5e+02;
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           analysis
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AX796097
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AX814932
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Query Match
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Matches 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Method and nucleic acids for the analysis proliferative disorder Patent: WO 03052135-A 440 26-JUN-2003;
                                                                                                      Montelius,A.

Methods and means for manipulating nucleic acid
Patent: WO 03064691-A 18 07-AUG-2003;
Global Genomics AB (SE)
                                                                                                                                                                                                                                                                                      AX814932 18 bp
Sequence 18 from Patent WO03064691.
AX814932
                                                                                                                                                                                                                         synthetic construct
synthetic construct
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                                                                                                                                                                                                          artificial sequences.
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/note="Description of product DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                             /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 8.5e+02;
0; Mismatches 1;
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Pred. No. 8.5e+02;
0; Mismatches 1
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                Artificial Sequence:
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                  Double-stranded
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Method and nucleic acids for the analysis of a proliferactive disorder Patent: WO 03072821-A 529 04-SEP-2003; Epigenomics AG (DE)
                                         l Similarity
17; Conserv
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Sequence 529 from Patent
AX826277
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Similarity 94.4%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 8.5e+02;
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Pred. No. 8.5e+02;
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AX129556
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 10119 25-MAR-2003;
Location/Qualifiers
BD230280
BD230280.1 GI:33040050
JP 2002530091-A/149.
                                   Total genome radiation hybrid map of identification of interesting genes.
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                                                               BD230280
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Ribozyme therapy for the treatment of
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="genomic DNA"
                                                                                                                                                                                                                                          /mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                              /note="Cdk7 ribozyme binding site"
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L Patent: JP 200230091-A 149 17-SEP-2002;

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE

OS Canis familiaris (dog)
pl JP 2002530091-A/149
PD 17-SEP-2002
PP 15-NOV-1999 JP 2000582596
PF 13-NOV-1999 US 60/108193
PI FRANCIS GALIBERT, CATHERINE ANDRE
PC C12N15/09,C12Q1/68,C12N15/00
CC A0102
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Organisme Canis familiaris (dog)'.
      4464 TTTTTTTTTTTTTTTTT 4481
                                                                                                                                                                                                                                                                                                                              Method for purifying oligonuclectide Patent: JP 2000342265-A 9 12-DEC-2000; TOAGOSEI CHEM IND CO LTD OS Artificial Sequence PN JP 2000342265-A/9 PD 12-DEC-2000 JP 1999154974 PR 02-UN-1999 JP 1999154974 PR C12N15/09, B01D15/08, C12N15/00 CC C12N15/09, B01D15/08, C12N15/00 CC FH Key Location/Qualifiers FT Bource 1.20 /Organism='Artificial Color of the colo
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Galibert, F. and Andre, C.
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JP 2000342265-A/9.
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1 (bases 1 to 20)
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/mol_type="genomic DNA"
/db_xref="taxon:9615"
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/mol_type="genomic DNA"
/db_xref="taxon;32630"
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Pred. No. 1e+03;
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AR231312
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Libraries of optimum subsequence regions of mrna and genomi for control of gene expression
Patent: WO 0161030-A 127 23-AUG-2001;
Cytoclonal Pharmaceutics, Inc. (US); University of Texas a Dallas, Dept. of Molecular and Cell Biology (US); Lab. of Experimental Carcinogenesis, National Cancer Institute/NIH Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence
AR231312
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AX224973
AX224973.1 GI:15555046
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1 (bases 1 to 20)
Egholm, Nielsen, P., Buchardt, O., 1
Coull, J.M., Kiely, J. and Griffith, M.
Peptide nucleic acids
Patent: US 6451968-A 49 17-SEP-2002;
                                                                                                                                                                                                                                                                                                                                                                                        Homo sapiens (human)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                         129 from Patent
                                                                                                                                                                                              /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="genomic !
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Pred. No. 1e+03;
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RESULT 1058
AX498246/c
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17; Conserv
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Libraries of optimum subsequence regions of mrna and genomic dn.
for control of gene expression
Patent: WO 0161030-A 129 23-AUG-2001;
Cytoclonal Pharmaceutics, Inc. (US); University of Texas at
Dallas, Dept. of Molecular and Cell Biology (US); Lab. of
Experimental Carcinogenesis, National Cancer Institute/NIH (US)
Location/Qualifiers
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1 (bases 1 to 21)
Cantor,C.R. and Sano,T.
Methods for the use of reduced affinity streptavidin
Patent: US 6207390-A 3 27-MAR-2001;
Location/Qualifiers
                                                                                                                                              Sequence 3 from AR139665
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                                                                          Unclassified.
                                                                                         Unknown
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Mammalia; Eutheria; Primates;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                /mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 1e+03;
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l Similarity 94.4%;
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                                                                                                                                             Mezes, P.S., Rastelli, L., Herrmann, J.L., Macdougall, J.R., Zhong, H., Casman, S.J., Boldog, F., Shimkets, R.A., Gorman, L., Crasta, O.R., Mysore, K.K., Folkerts, O., Martin, G.B., Eilen, A., Spaderna, S.K., Vernet, C.A., Bergh, C., Spytek, K.A., Dipippo, V.A., Zerhusen, B.D., Peyman, J.A., Ellerman, K., Stone, D.J., Grosse, W.M., Alsobrook, J.P., Lepley, D.M., Rieger, D.K., Burgess, C.E. and Edinger, S. Proteins and nucleic acids encoding same Patent: WO 02055705-A 209 18-JUL-2002; Curagen Corporation (US)
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Sequence 3 from Patent W00218951.
AXA98247
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/mol_type="unassigned
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/mol_type="unassigned DNA"
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                                                                           /mol_type="unassigned |
/db_xref="taxon:32630"
                                                                                       organism="synthetic construct"
                                                                                                                                    Location/Qualifiers
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   Score 16.4; DB 1;
Pred. No. 1.2e+03;
0; Mismatches 1;
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Pred. No. 1.1e+03;
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                                                                                                                                                                                                                                                          artificial sequences.

1 (bases 1 to 23)

3 Hartwich,G. and Heller,A.

Method of electrochemically detecting nucleic ac
Patent: JP 2002532386-A 19 02-OCT-2002;

RRIZ BIOCHEM MBH

OS Artificial Sequence
PN JP 2002532386-A/19

PD 02-OCT-2002

PF 19-NOV-1999 JP 2000583928

PR 23-NOV-1999 DE 198 53 957.6,29-APR-1999 DE
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Sequence
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 l Similarity
17; Conserv
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                                                                                                                                                                                                                                PF 19-NOV-1999 JP 2000583928
PR 23-NOV-1998 DE 198 53 957.6,29-APR-1999 DE 199 21 940.0 PI
GERHARD HARTWICH,ADAM HELLER
PC C07H21/00,C07H21/02,C07H21/04,C12N15/09,C12Q1/68,G01N27/12,
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                                                                                                                                                                                                                                                                                                                                                                                                                synthetic construct synthetic construct
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JP 2002532386-A/19.
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Similarity 94.4%;
17; Conservative
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                                                                                                        /organism='Artificial
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/mol_type="unassigned DNA"
                                                       organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 1.2e+03;
0; Mismatches 1;
               Score 16.4; DB 1;
Pred. No. 1.2e+03;
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                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostom; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (Dases 1 to 23)
Cai,S.P., Eng,B., Kan,Y.W. and Chui,D.H.
A rapid and simple electrophoretic method for the detection of mutations involving small insertion or deletion: application to beta-thalassemia
                                                                                                                                                                                                                                  23 bp
beta-globin [human, Genomic Mutant,
$63429
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Method of electrochemically of
BD245237
GenBank staff at the National Library of Medicine created this entry [NCBI gibbsq 63429] from the original journal article. This sequence comes from Fig.4.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Patent: JP 2002532386-A 23
FRIZ BIOCHEM GMBH
                                                     Hum. Genet. 87 (6), 92039638
                                                                                                                                                                               Homo sapiens
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JP 2002532386-A/23
                                                                                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                      GI:238239
                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="synthetic construct"
/mol_type="genomic DNA"
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Pred. No. 1.2e+03;
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artificial sequences.
1 (bases 1 to 23)
Hartwich,G. and Heller,A.
Method of electrochemically detecting number of concessions.
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                                                                                                                                                                                            PF 19-NOV-1999 JF 2000583928
PR 23-NOV-1998 DE 198 53 957.6,29-APR-1999 DE 199 21 940.0 PI
GERHARD HARTWICH,ADAM HELLER
PC C07H21/00,C07H21/02,C07H21/04,C12N15/09,C12Q1/68,G01N27/12,
                                                                  Method of electrochemically detecting nucleic acid Location/Qualifiers
/organism='Artificial Sequence'
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AR233712/c
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Best Local Similarity
Matches 17; Conserv
              Query Match 0.2%; Score 16.4; DB 1; Best Local Similarity 94.4%; Pred. No. 1.3e+03; Matches 17; Conservative 0; Mismatches 1;
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AR233712
AR233712.1 (
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                                                                                                                                   Secreted protein zacrp4
Secreted protein zacrp4
Patent: WO 0102565-A 5 11-JAN-2001;
FurnoGenetics, Inc. (US)
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AX068382
                                                                                                                                                                                                    synthetic construct synthetic construct artificial sequences.
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Patent: US 6458536-A 74 01-OCT-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Modified SSCP method using sequential electrophoresis
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unknown.
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                                                                                                                                                                             Holloway, J.L. and Lok, S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Unclassified.
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ilarity 94.4%;
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                                                             /organiam="synthetic construct"
/mol_type="unassigned DNA"
/db xrefs"taxon:32630"
/note="Oligonucleotide ZC20,839"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
1. .23
                                                                                                                                                                                                                                                                                                                                                                                                                                                           /mol_type="genomic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        organism="unknown"
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                                                                                                                            ocation/Qualifiers
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from Patent W00102565.
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Pred. No. 1.3e+03;
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Pred. No. 1.2e+03;
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St. George-Hyslop, P.H., Rommens, J.M. and Fraser, P.B.
Genetic sequences and proteins related to alzheimer's
Patent: US 5986054-A 140 16-NOV-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unclassified.

1 (bases 1 to 25)

St. George-Hyslop, P.H., Rommens, J.M. & St. George-Hyslop, P.H., Rommens II Nucleic acids encoding presentlin II Patent: US 5840540-A 140 24-NOV-1998; Location/Qualifiers
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AR060158
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Sequence 140 from patent
AR134500
AR134500.1 GI:14123405
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Similarity 94.4%;
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George-Hyslop, P.H.,
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  Rommens, J.M.
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AR144601/c
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UTHORS
Pelletier, J., Gros, P. and Dubow, M.

TILE
Patent: JP 2002531107-A 686 24-SEP-2002;
PHAGETECH INC
OS Staphylococcus aureus bacteriophage 96
PN JP 2002531107-A 686
PD 24-SEP-2002
PF 03-DEC-1999 JP 200558456
PR 03-DEC-1999 US 60/110992, 03-JUN-1999 US 09/326144 PR 03-DEC-1999 US 60/110992, 03-JUN-1999 US 60/157218 PR 01-DEC-1999 US 60/168777, 02-DEC-1999 US 60/157218 PR 01-DEC-1999 US 60/168777, 02-DEC-1999 US 09/454252 PI JERRY PELLETIER, PHILLIPPE GROS, MICHAEL DUBOW
PC C12N15/09, A01N63/00, A61K38/00, A61K45/00, A61P31/04, C07K14/005, PC C12N1/21, C12Q1/02, C12Q1/68, G01N33/15, G01N33/50 C01N37/50
PC C12N15/00,
PC A61K37/02
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1 (bases 1 to 25)
1 (bases 1 to 25)
St. George-Hyslop, P.H., Rommens, J.M. and Fraser, P.E.
Genetic sequences and proteins related to alzheimer's disease
Patent: US 6210919-A 140 03-APR-2001;
Location/Qualifiers
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AR144601
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BD245951
BD245951.1 GI:33055721
JP 2002531107-A/686.
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AR372656/c
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Sequence 140
AR256772
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St. George-Hyslop, P.H., Rommens, J.M. and Fraser, P.E. St. George-Hyslop, P.H., Rommens, J.M. and Fraser, P.E. Methods for determining risk of developing alzheimer's detecting mutations in the presenilin 2 (PS-2) gene Patent: US 6485911-A 140 26-NOV-2002;
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17; Conserv
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Sequence 140 from patent US 6
AR372656
                                                                               1 (bases 1 to 25)
St. George-Hyslop, P.H., Rommens, J.M. and Fre
Transgenic mice expressing human presenilin
Patent: US 6395960-A 140 28 MAY-2002;
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
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Location/Qualifiers
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Pred. No. 1.4e+03;
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Sequence 326 from Patent
AX042760
AX042760.1 GI:11341368
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17; Conserv
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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|mol_type="unassigned DNA"
|db_xref="taxon:32630"
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Ulfendahl, P.J. and Wong, K.C.
Primers for identifying typing or classifying nucleic acids
Patent: WO 0065088-A 537 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
Ulfendahl, P.J. and Wong, K.C. Primers for identifying typing or classifying nucleic Patent: WO 0065088-A 671 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
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/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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AX610126/c
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Sequence 1151 from Patent
AX610126
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Primers for identifying typing or classifying nucleic acids
Patent: WO 0065088-A 878 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
Location/Qualifiers
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Sequence 878 from Patent
AX043312
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                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                      Homo sapiens
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                                                                                                                                                                      t: WO 02072882-A 1151 19-SEP-2002;
GmbH (DE)
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/mb.type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="168 rRNA Homozygote Primer Sequence"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 6437 from Patent
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         Sequence 6439 from Patent AX693707
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Sequence 6438 from Patent
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                           Shannon, M.,
                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                            Homo sapiens
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                                                                                                                     AX693709.1 GI:29416758
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                           Gu, Y. and Nguyen, C.T.
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Pred. No. 1.4e+03;
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Query Match 0.2%;
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al Similarity 94.4%;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Human angiomotin-like protein 1
Patent: WO 03037931-A 531 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.4e+03;
0; Mismatches 1
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Human angiomotin-like protein 1
Patent: WO 03037931-A 820 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
Location/Qualifiers
                                                   Homo sapiens (human)
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Sequence 821 from Patent
AX754474
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Sequence 820 from Patent
AX754473
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Patent: WO 03037931-A 542 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
Location/Qualifiers
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Sequence 542 from Patent
AX754195
Shannon, M. and Phan, T.
                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                              AX754474.1
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 822 from Patent
AX754475
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Patent: WO 03037931-A 821 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
Location/Qualifiers
                                                                                           Shannon,M. and Phan,T.

Human angiomotin-like protein 1

Patent: WO 03037931-A 823 08-MAY-2003;

Amersham Biosciences SV Corp. (US)

Location/Qualifiers
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                                                                                                                                                                              Eukaryota; Metazoa;
Mammalia; Eutheria;
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Patent: WO 03037931-A 822 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
Location/Qualifiers
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Mammalia; Eutheria; Primates;
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Pred. No. 1.4e+03;
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Pred. No. 1.4e+03
Score 16.4; DB 1;
Pred. No. 1.4e+03;
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                                                                                                                                                                              Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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Human angiomotin-like protein 1
Human angiomotin-like protein 1
Patent: WO 03037931-A 824 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
Location/Qualifiers
Sequence
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Human angiomotin-like protein 1
Human angiomotin-like protein 1
Patent: WO 03037931-A 825 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
Location/Qualifiers
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Mammalia; Eutheria; Primates;
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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/mol_type="unassigned DN
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Pred. No. 1.4e+03;
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Method of judging hereditary f. diseases and oligonucleotide u BD182962

BD182962.1 GI:31875162

JP 2002355049-A/3.
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Method of judging hereditary diseases and oligonucleotide
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Patent: WO 03037931-A 827 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
Location/Qualifiers
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Patent: WO 03037931-A 826 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
Location/Qualifiers
                           Nakayama, T.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates;
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AL Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue
Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue
Gaston Cremieux, 91057 Evry cedex, FRANCE
PCR was performed on DNA from transformants of Arabidopsis thaliana
plants from INRA (Versailles). The DNA fragment(s) resulting from
the PCR were directly sequenced from the left or the right border
to determine the genomic sequence flanking the insertion. T-DNA
derived sequences were removed. Information to order the
corresponding mutant line and a link to a database providing a
graphical display of the insertion site are available at
http://dbsgap.versailles.inra.fr/publiclines/. This sequence has
been generated in the framework of the French plant genomics
program 'Genoplante' (http://www.genoplante.com and
http://genoplante-info.infoblogen.fr).
Location/Qualifiers
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NIHON UNIVERSITY

PI COULT SEQUENCE
PN JP 2002355049-A/3
PD 10-DEC-2002
PF 01-JUN-2001 JP 2001167331
PI TOMONITRO NAKAYAMA
PC C12N15/09,C12N15/09,C12Q1/68,C12N15/00,C12N15/00 CC
of judging hereditary factor causative of circulatory CC
diseases and
CC 01igonucleotide usable therein
Key Location/Qualifiers
FT source 1..25
FT source /organism='Artificial Sequence'.
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AJ595474.1 GI:37945102
left border; T-DNA flanking
Arabidopsis thaliana (thale
Arabidopsis thaliana
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             417E08
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22363535
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pellepiniec, L., Caboche, M. and Lecharny, A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
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/organism="Arabidopsis thaliana"
/mol type="genomic DNA"
/cultivar="Wassillewskija"
/db_xref="taxon:3702"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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A flanking
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ce, left border, clone
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AX052989
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Local Similarity 94.4%;
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 2716 CGGGACCCCCAGGCCCTGGCC 2736
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Sequence 5 from Patent WO0071749.
AXO52989
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CE gene mutagenic primer.
A25407
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synthetic construct
artificial sequences.
1 (bases 1 to 21)
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Patent: WO 0071749-A 5 30-NOV-2000;
Aventis Research & Technology GmbH & Co.
                                                                                                                             Patent: DE 4018152-A 11 12-DEC-1991;
Location/Qualifiers
                                                                                                                                                                                                                                    A25407.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Detection system for analyzing molecular interactions,
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                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon: 32630"
/note="Beschreibung der kunstlichen
Sequenz:Puromycin-Linker"
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/clone_lib="Arabidopsis thaliana
1...25____
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left border"
                                                                           /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                        Score 16.2; DB 1;
Pred. No. 1.2e+03;
0; Mismatches 3;
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A98981/c
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AR052435
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AR036785/c
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Sequence
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Unknown.
Unknown.
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AR036785
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MOCK, P. and Bellet, D.

METHOD FOR IDENTIFYING AND LOCATING EX
BY THE INSL4 GENE AND THEIR USES
PATENT: WO 9909172-A 4 25-FEB-1999;

MOCK PASCAL (CH); ROUSSY INST GUSTAVE
                                                                                                                                                                                                                                                                Nucleic acid sequence detection by triple helix formation site in amplification reactions Patent: US 5800984-A 27 01-SEP-1998;
                                                                                                                                                                                                                                                                                                 1 (bases 1 to 21)
Vary, C.P.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               unidentified unidentified
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Sequence 4 from Patent WO9909172.
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                                                                                                                                                                                                                                                                                                                          Unclassified.
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Similarity 85.7%; Pred. No. 1
                                                                                                                                                                                  0.2%;
Similarity 85.7%;
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                                                                                                                                                                                                                                                                                                                                                                                           27 from patent US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                  /organism="unknown"
/mol_type="unassigned
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                                  GI:5975799
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AR082423
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Matches 18
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                                                                                                                                                                                                                                                                                                                              694 GATGTGGCCATGAGGCACCTG 714
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                                                                                                                                                                                                            Sequence 52
AR084563
AR084563.1
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Sequence
AR082423
                                                                                                               1 (bases 1 to 21)
Matson,R.S., Coassin,P.J., Rampal,J.B.
Oligonucleotide repeat arrays
Patent: US 5981185,A 52 09-NOV-1999;
                                                                                                                                                                                                                                                                                                    , p.,
                                                                                                                                                                                                                                                                                                                                                     l Similarity
18; Conserv
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Tsujimoto,M., Iwasa,F., Tsuruoka,N., Nakazato,H.,
Ishida,N., Kurihara,T., Yamaichi,K. and Yamaguchi,
Megakaryocyte differentiation factor
Patent: US 5972886-A 20 26-OCT-1999;
Location/Qualifiers
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Tsujimoto, M., Iwasa, F., Tsuruoka, N., Nakazato, H., Miura, K., Ishida, N., Kurihara, T., Yamaichi, K. and Yamaguchi, N. Antibodies specific for megakaryocyte differentiation factor Patent: US 5831030-A 20 03-NOV-1998;
                                                                                                                                                                Unclassified.
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 1.2e+03;
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Pred. No. 1.2e+03;
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Matson,R.S., Coassin,P.J., Rampal,J.
Oligonucleotide repeat arrays
Patent: US 5981185-A 55 09-NOV-1999;
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Matson,R.S., Coassin,P.J., Rampal,J.
Oligonuclectide repeat arrays
Patent: US 5981185-A 56 09-NOV-1999;
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1 (bases 1 to 21)
Matson,R.S., Coassin,P.J., Rampal,J.B.
Oligonucleotide repeat arrays
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                                                                                                                                                                                                                                                                     /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned
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Matson,R.S., Coassin,P.J., Rampal,J.B.
Oligonucleotide repeat arrays
Patent: US 5981185-A 71 09-NOV-1999;
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Matson,R.S., Coassin,P.J., Rampal,J.B.
Oligonuclectide repeat arrays
Patent: US 5981185-A 68 09-NOV-1999;
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Location/Qualifiers
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/mol_type="unassigned DNA"
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Matches 18; Conserv
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Tsujimoto,M., Kurihara,T., Ishida,N., Iwasa,F., Nakazato,H., Yamaichi,H., Miura,T., Tsuruoka,N. and Yamaguchi,M.
MEGAKARYOCYTE-PROLIFERATING AND DIFFERENTIATING FACTOR
Patent: JP 1994313000-A 10 08-NOV-1994;
SUNTORY LTD
OS None
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Sequence 8 1
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Sequence
AR093142
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                                                                                                                                                  PCR primer for analyzing cDNA sequences of human megakaryocyte growth differentiating factor.
E08386
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Bergan, R. and Neckers, L.
Inhibition of protein kinase activity by
                                                                                                                           JP 1994313000-A/10.
                                                                                                                                                                                                                                                                                                                                                                                     DNA fragment preparation method for Patent: US 6203988-A 8 20-MAR-2001; Location/Qualifiers
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Kambara, H. and Uematsu, C.
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Patent: US 5998596-A 11 07-DEC-1999;
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/mol_type="unassigne
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JOURNAL
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1 (bases 1 to 21)

1 (bases 1 to 21)

Hideki, K. and Senshu, U.

TITLE Method for analyzing DNA fragment
JOURNAL Patent: JP 199196874-A 8 27-JUL-1999;

MMENT OS Unidentified
PN JP 199196874-A/8
PD 27-JUL-1999
PF 14-JAN-1998 JP **
PR
PI HIDEF**
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PN JP 1994313000-A/10

PD 08-NOV-1994

PF 16-JUL-1993 JP 1993197752

PF 17-JUL-1992 JP 92P 212305, 04-MAR-1993 JP 93P 67

PSUJIMOTO MASAFUMI, KURIHARA TATSUYA, ISHIDA NOBUHIRO, PI

PUVUKI,

PI NAKAZATO HIROSHI, YAMAICHI HIROZO, MIURA TAKEHISA, PI

TSURIUGKA NOBUO,

PI YAMAGUCHI MARE

PC COTKIS/14, AGIK37/02,C12N5/10,C12N15/19,C12P21/02,(C12

PC C12R1:91);

CC strandedness: Single;

CC topology: Linear;

CC hypothetical: No;

PH Key

FH Key

FT source

/organism='Artificial sequences' FT

misc feature 1. 21

principal control of the control of t
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FI HIDEKI KAMIBARA, SENSHU UEMATSU
PC C12N15/09,C12Q1/68,G01N27/447,C12N15/00,G01N27/26 CC
Strandedness: Single;
CC Topology: Linear;
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Location/Qualifiers
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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AR299800
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Cohen, D., Chumakov, I. and Blumenfeld, M. Biallelic markers for use in constructing disequilibrium map of the human genome Patent: US 6537751-A 11535 25-MAR-2003; Location/Qualifiers
BD133420 21 bp DNA line Method for assaying glutathione S-transferase,
                                                                                                                                                                                                                                                                                                                    Walcher, M., Wagner, M. and Snaidr, J.
Method for specifically detecting microorganisms by polymerase
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/mol_type="unassigned DNA"
/db xreff"taxon:32630"
/note="Beschreibung der kunstli
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/mol_type="genomic DNA"
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OTSUKA PHARMACEUTICAL FACTORY INC
OS human GSTP1 gene
PN JP 2002058483-A/18
PD 26-FEB-2002
PF 14-AUG-2000 JP 2000245951
PI MASUHIRO NISHIMURA, HIROSHI YAGUCHI, SI
PC C12N15/09, C12Q1/68, G01N21/64, G01N21/
PC C12N15/00
CC Method for assaying glutathione S-tra
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Sequence 156
AR103632
AR103632.1
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                                                                                                                                                                                                                                                                                                                                                                                                                     1 (bases 1 to 22)
Brooks Wilson,A.R., Buckler,A., Cardon Miller,A. and North,M.
Asthma related genes
Patent: US 6087485-A 156 11-JUL-2000;
Location/Qualifiers
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Nishimura, M., Yaguchi, H., Naito, S. and Hiraoka, I.
Method for assaying glutathione S-transferase, and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       BD133420
BD133420.1 GI:23228365
JP 2002058483-A/18.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unknown
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Unknown
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14-AUG-2000 JP 2000245951
MASUHIRO NISHIMURA,HIROSHI YAGUCHI,SHINSAKU NAITO,ISAO HIRAOKA
C12N15/09,C12Q1/68,G01N21/64,G01N21/78,G01N33/53,G01N33/566,
C12N15/00
                                                                                                                                                                                                                                                           Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism='human GSTP1
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                       /organism="unknown"
/mol_type="unassigned DNA"
                      compositions
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                                                                                                                                                                                                                                                                                    Score 16.2; DB 1;
Pred. No. 1.2e+03;
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Pred. No. 1
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US 6087485
                   22 bp DNA linear for inhibiting neoplastic
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                   PAT 17-JUL-2003
ell growth.
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                          7395
21 TTCTGAAGTGACCAACATCAG 1
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136994
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A61P25/00,
PC
R61P25/00, A61P35/00, A61P37/02, C07K14/47, G01N33/15, G01N33/50,
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R61N33/53//
PC
C12N15/09, A61K37/02, C12N15/00
CC
Synthetic Oligonuclectide Probe
PH
Key
Location/Qualifiers
FT
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1. 22
/organism='Artificial Sequence'.
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                                                                                                                                                 Stromelysin targeted ribozymes
Patent: US 5612215-A 7 18-MAR-1997;
Location/Qualifiers
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Draper, K.G., Pavco, P., McSwiggen, J.,
Stinchcomb, D.T.
                                                                                                                                                                                                                                                       Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Methods and compositions for inhibiting neoplastic cell growth Patent: JP 2002527452-A 18 27-AUG-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               artificial sequences.
1 (bases 1 to 22)
Ashkenazi,A., Goddard,A.,
Wood,W.I. and Yuan,J.
                                                                                                                                                                                                                                                                   Unknown
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                                                                                                                                                                                                                                          Unclassified
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                                                     h 0.2%;
Similarity 85.7%;
18; Conservative
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13-OCT-1998 US 60/1040
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JP 2002527452-A/18
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MARY NAPIER,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                           /organism="unknown"
/mol_type="unassigned DNA"
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Pred. No. 1.2e+03
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Pred. No. 1.2e+03
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AX763935/c
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AX252963
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193844
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Sequence 6 from Patent WO0168900.
AX252963
            synthetic construct
synthetic construct
artificial sequences
                                                         AX763935 22 bp
Sequence 22 from Patent WO03039438.
AX763935
AX763935.1 GI:32258290
                                                                                                                                                                                                                                                                                                                                                      Walcher,M., Wagner,M. and Snaidr,J.
Method for specifically detecting microorganisms
chain reaction
                                                                                                                                                                                                                                                                                                                                                                                                   synthetic construct
synthetic construct
artificial sequences.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 22)
Draper, K.G., Pavco, P., McSwiggen, J., Gustofson, J.
Stinchcomb, D.T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Method of reducing stromelysin RNA via ribozymes
Patent: US 5731295-A 7 24-MAR-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                             Patent: WO
                                                                                                                                                                                                                                                                                                                                                                                                                                                   AX252963.1 GI:15986217
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                                                                                                                                                                                                                                                /organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kunstlichen Sequenz:
Oligonukleotidprimer"
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/mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                                                       ocation/Qualifiers
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AUTHORS
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Patent: JP 2002500895-A 152 1:
AXYS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002500895-A/152
PD 15-JAN-198 JP 200052871:
PI ANGELA R BROOKS WILSON, ALISOUN H CAREY,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PI MARGARET GALVIN, AND
PC C12Q1/68, A01K67/027
Strandedness: Double;
CC Topology: Linear;
CC Asthma-associated contact of the AR121364
Sequence 16 from patent US
AR121364
AR121364.1 GI:14104940
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Wilson, A.R.B., Buckler, A., Miller, A. and North, M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    BD129862.1 GI:23224807
JP 2002500895-A/152.
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1 (bases 1 to 22)
                                                                                                                                                                                                                                                                                      AGGTGAGAAAGYGACATTTTC
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JP 2002500895-A/152
15-JAN-2002
21-JAN-1998 JP 2000528715
ANGELA R BROOKS WILSON, ALAN BUCKLER, LON
                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MARGARET GALVIN, ANDREW MILLER, MICHAEL NORTH C1201/68, A01K67/027, C07K14/47, C12N15/09, C12N15/00
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Location/Qualifiers
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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85.7%; Pred. No. 1.2e+03;
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Pred. No. 1.2e+03;
0; Mismatches 3
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KEYWORDS
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            ORGANISM
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                                                                                                                                                                                         4011
                                                                                                                                                                                                                                                                                                                                        artificial sequences.

1 (bases 1 to 23)

Voshioka,T. and Suzuki,R.

Method for detecting Kawasaki disease factor Patent: JP 2000157297-A 64 13-JUN-2000;

SHIONOGI & CO LTD

OS Artificial Sequence
PN JP 2000157297-A/64

PD 13-JUN-2000

PF 01-DEC-1998 JP 1998341661
PR 13-JUN-2000

PF TAKESHI YOSHIOKA,RYUJI SUZUKI
PC C12Q1/68,C12N15/09,G01N33/48,C12N15/00
CC
FH Key Location/Qualifiers
FT source 1.23

FT source 1.23
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Murashima,K., Moriya,T., Hamaya,T., Koga,J., Sumida,N., Aoyagi,K.,
Murashami,T. and Kono,T.
Enzyme endoglucanase and cellulase preparations containing the same
Patent: US 6159720-A 16 12-DEC-2000;
Location/Qualifiers
Unknown.
Unclassified.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             synthetic construct
synthetic construct
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JP 2000157297-A/64.
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Similarity 85.7%;
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for detecting Kawasaki disease factor.
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                                                                                                                                                                                                                                                                                                                           /organism='Artificial
                                                                                                                                                                                                                                                                      /organism="synthetic construct"
/mol_type="genomic DNA"
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/mol_type="unassigned DNA"
                                                    GI:23310443
                                                                              from patent US
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                                                                                                                                                                                                                 Score 16.2; DB 1;
Pred. No. 1.3e+03;
0; Mismatches 3
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Pred. No. 1.3e+03;
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REFERENCE
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SOURCE
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AR408830/c
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                                                                                                                                                                                                                              Sequence
AR408830
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AR408829
                                                                                         Unclassified.

1 (bases 1 to 23)
Brennan, T.M., Chatelain, F. and Berninger, M.
Method and apparatus for performing large numbers
using array assembly with releasable primers
Patent: US 6632641_A 25_14-OCT-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 23)
Brennan,T.M., Chatelain,F. and Berninger,M.
Method and apparatus for performing large nur
using array assembly with releasable primers
Patent: US 6632641-A 24 14-OCT-2003;
Location/Qualifiers
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                                        /organism="unknown"
/mol_type="genomic
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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85.7%; Pred. No. 1.3e+03;
 0.2%;
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85.7%; Pred. No. 1.36
tive 0; Mismatches
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Score 16.2; DB 1;
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TITLE
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Best Local Similarity
Matches 18; Conserv
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AR408832
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Method and apparatus for performing large numbers using array assembly with releasable primers Patent: US 6632641-A 27 14-OCT-2003;
                                                                                                                                                                                                                                                                        Simons,L.H., Stuiver,M.H. and Custers,J.H. Method for the induction of pathogen resistance in plants Patent: WO 9945129-A 3 10-SEP-1999; SIMONS LAMBERTUS HENRUS (NL); STUIVER MAARTEN HENDRIK (NL); MOGEN INT (NL); CUSTERS JEROME HUBERTINA HENRI (NL)
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Sequence 3 from Patent WO9945129.
AX018480
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Brennan, T.M., Chatelain, F. and Berninger, M.
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llarity 85.7%;
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/mol_type="genomic"
                                                                                                                                                                                                      /note="Primer"
                                                                                                                                                                                                              organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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85.7%;
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Pred. No. 1.3e+03;
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Pred. No. 1
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AX133965/c
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AX133966/c
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Matches 18
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                                                                                                                                  GI:14139907
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Brennan, T.M., Chatelain, F. and Berninger, Method and apparatus for performing large using array assembly Patent: WO 0127327-A 24 19-APR-2001; Protogene Laboratories, Inc. (US)
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Sequence 24 from Patent W00127327.
AXI33965.1 GI:14139906
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 601 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
Brennan, T.M., Chatelain, F. and Berninger, M. Method and apparatus for performing large r using array assembly Patent: WO 0127327-A 25 19-APR-2001; Protogene Laboratories, Inc. (US)
                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mal_type="unassigned DNA"
/mb xrefs "taxon:32630"
/mbe="Primer"
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from Patent WO0127327.
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Pred. No. 1.3e+03
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AX133968/c
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Local Similarity 85.7%;
hes 18; Conservative
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                                                          ZENECA MOGEN BV
OS Artificial S
PN JP 200250510
PD 19-FEB-2002
PF 08-MAR-1999
PR 06-MAR-1998
PI MARATEN HEND
CUSTERS,
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Sequence 27 from Patent WO0127327.
AXI33968
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                                                                                                                                                                                                                                                                                           BD136862
BD136862.1 GI:23231807
JP 2002505109-A/3.
                                                                                                                                                                                 Stuiver, M.H., Custers, J.H.H.V. and Simons, L.H. Method of inducing resistance to pathogen in p Patent: JP 2002505109-A 3 19-FEB-2002;
                                                                                                                                                                                                                                                                                                                                  BD136862 23 |
Method of inducing resistance
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Protogene Laboratories, Inc.
Location/Qualifiers
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                                                                                                                                                                                                                                           artificial sequences.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Method and apparatus for performing large numbers of reactions
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
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                              LAMBERTUS HENRUS SIMONS
C12N15/09,A01H5/00,C07K14/415,C07K16/16,C12N5/10,C12N9/00,
                                                                     08-MAR-1999 JP 2000534660
06-MAR-1998 EP 98104076.9
MAARTEN HENDRIK STUIVER, JEROME HUBERTINA HENRICUS VICTOR
                                                                                                                                   Artificial Sequence JP 2002505109-A/3
C12N9/16, C12N15/00, C12N5/00
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                                                                                                                         19-FEB-2002
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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24 ANGGCGGCGGCGGCGGCGG
                      59 ACGGAGGCTGCGGGGGGGGGGG 80
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AR078306
                                                                                                                          1 (bases 1 to 24)
Singer,R.H. and Taneja,K.L.
Detection of trinucleotide repeats by
Patent: US 5962332-A 16 05-OCT-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 24)
Georgopoulos,K.
Ikaros polypeptides
Patent: US 5824770-A 94 20-OCT-1998;
Location/Qualifiers
                                                                                                                                                                                      Unknown.
Unclassified.
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Similarity 81.8%; Pred. No. 1.
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/mol_type="genomic DNA"
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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85.7%; Pred. No. 1.4e+03
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85.7%; Pred. No. 1.3e+03;
tive 0; Mismatches 3
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AR146349
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Patent: US 6228611-A 94 08-MAY-2001;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                  1 (bases 1 to Georgopoulos, K.
1 (bases 1 to 24)
Krieg,A.M. and Kline,J.N.
Immunostimulatory nucleic acid molec
Patent: US 6239116-A 61 29-MAY-2001;
                                                                                       AR154732.1
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                                           Unclassified.
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                                                                                                                       Methods and products for inducing
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/mol_type="unassigned DNA"
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S Krieg,A.M. and Weiner,G.
S Krieg,A.M. and Weiner,G.
S Krieg,A.M. and weiner,G.
Immunotherapeutic oligonucleotides and cytokines
immunotherapeutic oligonucleotides and cytokines
L Patent: JP 2002510644-A, 61 09-APR-2002;
UNIVERSITY OF IOWA RESEARCH FOUNDATION
OS Artificial Sequence
PN JP 2002510644-A/61
PD JO-APR-199 JP 200542030
PF 02-APR-199 JP 200542030
PF 03-APR-1998 US 60/080729
PR 03-APR-1998 US 60/080729
PR 03-APR-1998 US 60/080729
PR ARTHUR M KRIEG, GEORGE WEINER
PC A61K39/00, A61K31/7088, A61K39/00, A61P15/00, A61P1
PC A61K38/00, A61K31/7088, A61K39/00, A61P15/00, A61P1
PC A61K39/02
FT Source /organism='Artificial Sequence'
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1 (bases 1 to 24)

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Mccluskie, M. J. and Davis, H. L.
Mccluskie, M. J. and Davis, H. L.
Mcthods and products for inducing mucosal immunity
Patent: JP 2002516294-A 52 04-JUN-2002;
LOEB HEALTH RESEARCH INSTITUTE AT THE OTTAWA HOSPITAL,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     BD261113 24 bp DNA linear PAT 17-J Methods and products for stimulating the immune system using immunotherapeutic oligonucleotides and cytokines.
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03-APR-1998 US 60/080729
ARTHUR M KRIEG,GEORGE WEINER
A61K38/00,A61K31/7088,A61K39/00,A61P15/00,A61P35/00,A61P37/04,
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BD267878/c
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S Gramzinski, R.A., Krieg, A.M., Davis, H.L. and Hoffman, S.L.
Methods for the prevention and treatment of parasitic infect
and related diseases using CPG oligonucleotides

L UNIVERSITY OF IOWA RESEARCH FOUNDATION, OTTAWA CIVIC LOEB RE
INSTITUTE, UNITED STATES OF AMERICA AS REPRESENTED BY THE SE
OF THE NAVY
OS Artificial Sequence
PN P2002513763-A/51
PD 14-MAY-2002
PF 06-MAY-1998 US 60/084512
PF 06-MAY-1998 US 60/084512
PF 06-MAY-1998 US 60/084512
PI ROBERT A GRAMZINSKI, ARTHUR M KRIEG, HEATHER L DAVIS, STEE
PO A61R31/711, A61K9/127, A61K38/00, A61K38/22, A61K45/00, A61F
PC A61R31/709, A61K37/02, A61K37/24, C12N15/00
CC Synthetic Sequence
FH Key

Location/Qualifiers
FT source
/organism='Artificial Sequence'.
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OS Artificial Sequence
PN JP 2002516294-A/52
PD 04-JUN-2002
PP 21-MAY-1999 JP 2000550515
PR 22-MAY-1998 US 60/086393
PI MICHAEL J MCCLUSKIE, HEATHER L DAVIS
PC PC PC NACLUSKIE, HEATHER L DAVIS
PC PC NACLUSKIE, HEATHER L DAVIS
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BD267878.1 GI:33077646
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                               Similarity
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06-MAY-1998 US 60/084512
ROBERT A GRAMZINSKI, ARTHUR M KRIEG, HEATHER L DAVIS, STEPHEN L
                   Conservative
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
                                                                     /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 1.4e+03
0; Mismatches
                             Score 16.2; DB 1;
Pred. No. 1.4e+03;
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  1521 GGGGAAACAGTTCTACAATGG 1541
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1521 GGGGAAACAGTTCTACAATGG 1541
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Davis,H.L., Schorr,J. and Krieg,A.M.
Use of nucleic acids containing unme
                                                                                                                                                                                                                                                                         AR213852.1
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synthetic construct
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                                                                                                                                                                                                         Unclassified.
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1 (bases 1 to 24)
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                   Similarity
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0.2%;
nilarity 85.7%;
Conservative 0
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27-JUL-1998 US 60/094370
ARTHUR M KRIEG
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                                                                                                            US 6406705-A 52 18-JUN-2002;
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
                                                          /organism="unknown"
/mol_type="genomic |
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85.7%; Pred. No. 1.4e+03
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Score 16.2; D
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RESULT 1152
AR432482/c
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AR222221/c
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AR404814/c
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Best Local Similarity
Matches 18; Conserv
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Best Local Similarity
Matches 18; Conserv
                                   ORGANISM
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Sequence 55
AR222221
Unclassified.

1 (bases 1 to 24)

Krieg, A.M. and Weiher, G.
                                  Unknown.
                                                                     AR432482
Sequence 61 from patent
AR432482
AR432482.1 GI:40194817
                                                                                                                                                                                                                                                                                                   1 (bases 1 to 24)
Georgopoulos,K.
Isolated antibody that binds to an I
Patent: US 6630141-A 94 07-OCT-2003;
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Sequence 94 from patent US
AR404814
AR404814.1 GI:40153541
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unclassified.

1 (bases 1 to 24)

Krieg, A.M. and Hartmann, G.

Immunostimulatory nucleic acid molecules
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           cells
Patent: US 6429199-A 55 06-AUG-2002;
                                               Unknown.
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                                                                                                                                                                                                          0.2%; Score 16.2; llarity 85.7%; Pred. No. 1 Conservative 0; Mismatch
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                                                                                           61 from patent US
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/mol_type="genomic DNA"
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/mol_type="mRNA"
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AX103827/c
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Best Local Similarity 85.7%;
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Sequence 39 from Patent W00122990.
AXI05141
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Sequence 19 from Patent W00122972.
AXI03827
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                                                                                                                                                   Interferon
Patent: WO 0122990-A 39 05-APR-2001;
Patent: WO 0122990-A 39 05-APR-2001;
(US)
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                                                                                                                                                                                                                                                         synthetic construct synthetic construct
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 19 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                           /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
                                                                                                                     ocation/Qualifiers
                                             note="Synthetic Oligonucleotide"
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AX444176.1 GI:21691454
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artificial sequences.
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UNIVERSITY OF IOWA RESEARCH FOUNDATION
Location/Qualifiers
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Methods for enhancing antibody-induced cell lysis
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Similarity 85.7%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide-phosphorothioate backbone"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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AX546880
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Sequence 634 from Patent
AX493660
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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85.7%; Pred. No. 1.4e+03;
tive 0; Mismatches 3
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85.7%; Pred. No. 1.4e+03;
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PAT 26-SEP-2002

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Gaps

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PAT

01-MAR-2003

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Gaps

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REFERENCE
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BD009096/c
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AX786561/c
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Best Local Similarity
Matches 18; Conserv
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    synthetic construct

synthetic construct

synthetic construct

artificial sequences.

1 (bases 1 to 24)

Krieg, A. M. and Kline, J. N.

Krieg, A. M. and Kline, J. N.

Krieg, A. M. and Kline, J. N.

WIVERSITY OF IOWA RESEARCH FOUNDATION

OS Artificial Sequence

PN JP 2001503267-A/48

PD 13-MAR-2001

PF 30-OCT-1997 JP 1998520784

PF 30-OCT-1997 US 08/738652

PI ARTHUR M KRIEG, JOEL N KLINE

PC C07H21/00, C07H21/02, C07H21/04, A61K31/1
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Inhibition of angiogenesis by nucleic Patent: WO 02053141-A 19 11-JUJ-2002; Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Cpg formulations and related methods
Patent: WO 03030934-A 52 17-APR-2003;
QIAGEN GmbH (DE); University of Saskatchewan
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 52 from Patent W003030934. AX786561
                                                                                                                                                                                                                       BD009096.1 GI:18637469
JP 2001503267-A/48.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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13-MAR-2001
30-OCT-1997 JP 1998520784
30-OCT-1996 US 08/738652
ARTHUR M KRIEG, JOEL N KLINE
C07H21/00, C07H21/02, C07H21/04, A61K31/175, A61K31/335, A61K31/47,
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol type="unassigned DNA"
/mol type="caxon:32630"
/noTe="Synthetic Sequence"
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Pred. No. 1.4e
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BD069940/c
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BD131374
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Query Match
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Matches 18
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Best Local
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artificial sequences.

1 (bases 1 to 24)

Schwartz,D.A. and Krieg,A.M.

Use of nucleic acids containing unmethylated CPG dinucleotide in the treatment of LPS-associated disorders
Patent: JP 2001513776-A 29 04-SEP-2001;

UNIVERSITY OF IOWA RESEARCH FOUNDATION
JP 2002500861-A/48. synthetic construct synthetic construct
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                                                                                       Recombinational cloning
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synthetic construct
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                                            BD131374.1
                                                                                                      BD131374
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Artificial Sequence
JP 2001513776-A/29
04-SEP-2001
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28-FEB-1997 US 60/039405
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/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                            GI:23226319
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Pred. No. 1.4e+03;
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                                                                  Query Match
Best Local Similarity
Matches 18; Conserv
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                                                                                                                                                                                                                   Wagner, H. and Lipford, G.

Method of controlling hematopolesis by using CpG oligonucleotide
AL Patent: JP 2002514397-A 61 21-MAY-2002;
CCRY PHARMACEUTICALS GMBH, CORY PHARMACEUTICALS GROUP INC
OS Artificial Sequence
PN JP 2002514397-A/61
PD 21-MAY-2002
PF 14-MAY-1999 UP 2000547969
PF 14-MAY-1999 US 60/085516,02-FEB-1999 US 09/241653 PI
HERMANN WAGNER, GRAYSON LIPFORD
PC C12N15/09,A61K31/70,A61K39/39,C07H21/04//A61K45/00,C12N15/00
PT SOURCE 1.24
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OS Artificial Sequence
PN JP 2002500861-A/48
PD 15-JAN-2002
PF 26-OCT-1998 JP 2000518069
PR 24-OCT-1997 US 60/065930,23-OCT-1998 US 09/177387 PI
JAMES L HARTLEY,MICHAEL A BRASCH,GARY F TEMPLE,DONNA K FOX PC
C12N15/09,C12Q1/68,C12N15/00
CC Description of Artificial Sequence: synthetic oligonucleotide
CC Description of Artificial Sequence: synthetic oligonucleotide
FH Key 1..24
FT Source /organism='Artificial Sequence'.
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Hartley,J.L., Brasch,M.A., Temple,G.F. and Fox,D.K.
Recombinational cloning using nucleic acids having recombination
Patent: JP 2002500861-A 48 15-JAN-2002;
LIFE TECHNOLOGIES INC
OS Artificial Sequence
PN JP 2002500861-A/48
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synthetic construct
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                                GGGGAAACAGTTCTACAATGG 1541
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 GGGGAAACAGTTCGTCCATGG 2
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/db_xref="taxon:32630"
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Location/Qualifiers
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85.7%;
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Pred. No. 1
                                                              Score 16.2; DB 1
Pred. No. 1.4e+03
0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sai,T., Mine,M., Fukuoka,M., Koarada,S. and Kimoto,M. A mutational analysis of the Abetaz/Aalphad major histocompatibility complex class I molecule that restricts autoreactive T cells in (NZBXNZW)F1 mice. The critical influence alanine at position 69 in the Aalphad chain [mmunology 96 (3), 325-332 (1999)
                                                                                             binding
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Kool,E.T.
Stem-loop oligonucleotides containing
                                                                                                                                                                                                                                                                     Sequence 1 from patent US I20186
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Direct Submission
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AB015845
AB015845.1 GI:3986240
T cell receptor (TCR) beta
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                           Patent:
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                                                       US 5514546-A 1 07-MAY-1996;
Location/Qualifiers
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/protein id="BA34969.1"
/db_xref="EG1:3986241"
/db_xref="IMGT/LIGM:AB015845"
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/cell_type="T_cell"
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/mol_type="mRNA"
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/mol_type="unassigned DNA"
                     organism="unknown"
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Unclassified.
1 (bases 1 to 16)
1 (bases 1 to 16)
Bazile,D., Emile,C., Helene,C. and Spenlehauer,G.
Nucleic acid-containing composition, its preparat
Patent: US 5856435-A 15 05-JAN-1999;
Location/Qualifiers
        AR037355
Sequence 2 1
AR037355
AR037355.1
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Gryaznov, S.M. and Lloyd, D.H.
Oligonucleotide clamps
Patent: US 5741643-A 6 21-APR-1998;
Location/Qualifiers
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AR027678
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Unclassified.
Unclassified.
1 (bases 1 to 16)
1 (bases 1 to 16)
Kutyavin,I.V., Lukhtanov,E.A., Gamper,H.B. and Meyer,R.B. Jr.
Covalently linked oligonucleotide minor grove binder conjugates
Patent: US 5801155-A 2 01-SEP-1998;
Location/Qualifiers
                                                                              Convergent synthesis of branched and macromolecular structures
Patent: US 5830588-A 6 03-NOV-1998;
Location/Qualifiers
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AR051238
AR051238.1 GI:5974602
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Gryaznov, S.M.
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Gryaznov,S.M. and Lloyd,D.H.
Oligonucleotide clamps having diagnostic and therapeutic
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Location/Qualifiers
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I16032
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AR104584
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I16032
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1 (bases 1 to 16)
Cech, T.R. and Nakamura, T.
                                                                                                                                                                                                                                                                                                                                                           Sequence 131 from patent AR175845
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Unclassified.
1 (bases 1 to 16)
Cech,T.R. and Lingner,J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent: US 6093809-A 131 25-JUL-2000;
Location/Qualifiers
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                               Unknown
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Location/Qualifiers
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(bases 1 to 16)
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/mol_type="unassigned DNA"
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100.0%; Pred. No. 8.2e+02;
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Sequence
128367
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138676
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Gryaznov,S.M.
Convergent synthesis of branched and macromomolecular structures
Patent: US 5571677-A 6 05-NOV-1996;
Location/Qualifiers
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                                                                                                                          1 (bases 1 to 16)
Cook, P.D. and Sanghvi, Y.S.
Nuclease resistant, pyrimidine modified oligonucleotides that detect and modulate gene expression Patent: US 5614617-A 36 25-MAR-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unknown
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                                                                                         /mol_type="unassigned DNA"
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138682
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Cook, P.D. and Sanghvi,Y.S.
Nuclease resistant, pyrimidine modified detect and modulate gene expression Patent: US 5614617-A 60 25-MAR-1997;
Location/Qualifiers
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I38700
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Cook, P.D. and Sanghvi, Y.S.
Nuclease resistant, pyrimidine modified detect and modulate gene expression Patent: US 5614617-A 42 25-MAR-1997;
Unclassified.

1 (Dases I to 16)

Kutyavin,I.V., Lukhtanov,B.A., Gamper,H.B. and Covalently linked oligonucleotide minor groove
                                                 Unknown
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42 from patent US 5614617.
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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100.0%; Pred. No. 8.2e+02;
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 Meyer, R.B. Jr.
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Sequence
AR222462
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Kurz,M., Lohse,P. and Wagner,R.

Reptide acceptor ligation methods

Patent: US 6429300-A 22 06-AUG-2002;

Location/Qualifiers
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Location/Qualifiers
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Kutyavin, I.V., Lukhtanov, E.A., Gamper, H.B. and Meyer, R.B. Jr.
Kutyavin, Ilinked oligonucleotide minor groove binder conjugates
Patent: US 6486308-A 2 26-NOV-2002;
Location/Qualifiers
                                                                                                                                                                                          Unknown
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Sequence 2 from patent US
AR257437
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Unclassified.
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                                                                                    /organism="unknown"
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/mol_type="genomic DNA"
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RESULT 1182 AX039049/c

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     unidentified unidentified unclassified.
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Surface-roughened slide glass substance using the same.
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Sequence 9 from Patent WO0163282.
AX235176
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Sequence 2 from Patent WO0061594.
AX039049
                                                       BD167413
BD167413.1 GI:27873225
JP 2002211954-A/1.
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Patent: WO 0163282-A 9 30-AUG-2001;
COMMISSARIAT A L'ENERGIE ATOMIQUE (FR)
                                                                                                                                                                                                                                                                                                                 Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            synthetic construct
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larity 100.0%; Pred. No. 8.2e+02;
Conservative 0; Mismatches 0;
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/mol_type="unassigned DNA"
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/noTe="sequence synthetique"
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/db_xref="taxon:32630"
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BD167414/c
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FT source

CL201/68, C12M1/00,C12M1/14,C12M15/09,C1.

CL201/68, C12M1/00,C12M11/14,C12M15/09,C1.

CC G01N33/53,G01N33/53,G01N37/00,C12M15/00,C12M15/00 CC.

Surface-roughened slide glass and method of analyzing CC.
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biological substance
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Okamura, H., Tanga, M., Oba, M., Yamakawa, K. and Takagi, K.
Surface-roughened slide glass and method of analyzing biological substance using the same
Patent: JP 2002211954-A 2 31-JUL-2002;
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Okamura,H., Tanga,M., Oba,M., Yamakawa,K.
Surface-roughened slide glass and method o
substance using the same
Patent: JP 2002211954-A 1 31-JUL-2002;
TOYO KOHAN CO LTD
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BD167414.1 GI:27873226
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                                                                                                                                                                       G01N33/53,G01N33/53,G01N37/00,C12N15/00,C12N15/00
                                                                                                                                                                                                                                                                              Artificial Sequence
JP 2002211954-A/2
31-JUL-2002
30-OCT-2001 JP 2001332778
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KENICHI TAKAGI
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30-OCT-2001 JP 2001332778
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                                                                                                                                                                                                                                            HIROSHI OKAMURA,MICHIFUMI TANGA,MITSUYOSHI OBA,KAORU YAMAKAWA.
KENICHI TAKAGI
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100.0%; Pred. No. 8.2e+02;
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and method of analyzing biological
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Pollinosis-associated 9
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E34260.1 GI:18624265
JP 2000106879-A/4.
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                                                                                                                                                                                                                                                                                                                                                               Unclassified.

1 (bases 1 to 17)

Scelonge, C.J. and Bidney, D.L.

Scelonge, C.J. and Bedney, D.L.

Gene encoding oxalate decarboxylase from Patent: US 6303846-A 30 16-OCT-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ch 0.2%;
l Similarity 100.0%;
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1 (bases 1 to 17)

Scelonge, C.J. and Bidney, D.L.

Gene encoding oxalate decarboxylase from Patent: US 6297425-A 30 02-OCT-2001;

Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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8.2e+02;
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9e+02;
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                                                                                                                                                                              wethod for preparing nucleic acid sample for analyzing minor gene, nucleic acid sample thus prepared and method for analyzing nucleic acid sample thus prepared and method for analyzing nucleic acid sample by using the same, and reagent kit and analysis service for using the same as a nucleic acid sample by as nucleic acid sample for analyzing minor gene, nucleic acid sample for analyzing minor gene, nucleic acid sample for analyzing nucleic acid sample for analyzing minor gene, nucleic acid sample for analyzing minor g
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synthetic construct

artificial sequences.

E 1 (bases 1 to 17)

S Nagasu,T., Sugita,Y., Kashiwabara,T., Oshida,T., Obay

Gunji,S., Obayashi,I., Imai,Y., No,N. and Ogawa,K.

Pollinosis associated gene

L Patent: JP 2000106879-A 4 18-APR-2000;

GENOX RESEARCH INC

OS Artificial Sequence

PN JP 2000106879-A/4

PD 18-APR-2000

PF 06-OCT-1998 JP 1998284610

PR TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,TA

PI TAKESHI NAGASU,SHIGEMICHI GUNJI,IZUMI OBAYASHI,

PI NING NO,

PI KAORU OGAWA

PC C12N15/09,A61K31/00,A61K39/36,A61K45/00,C12Q1/68
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TAKASHI IRIE,
PI KAZUNORI OKANO
PC C12N15/09,C12Q1/
CC Strandedness: Si
CC Topology: Linear
FH Key
FT source
FT
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Method for preparing nucleic acid sample for analyzing minor gene, nucleic acid sample thus prepared and method for analyzing nucleic acid sample by using the same, and reagent kit and analysis service for using the same.
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JP 2000037193-A/3.
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                                                                         Strandedness: Single;
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MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,YUKIHO IMAI,
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No.
 /organism='Unidentified'.
                     Socation/Qualifiers
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AUTHORS
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FEATURES
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Best Local Similarity 100.0%;
Matches 16; Conservative (
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Matches 16; Conserv
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Sequence
AR187060
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Sequence
AR187063
                                                                                                                         1 (bases 1 to 17)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2551 12-FEB-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 17)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2548 12-FEB-2002;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                          /mol_type="unassigned DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                                                                         /organism="unknown"
/mol_type="unassigned DNA"
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; Pred. No. 9e+02;
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AR266626
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McClelland,M., Welsh,J. and Trenkle,T.

Reduced complexity nucleic acid targets

Patent: US 6495319-A 64 17-DEC-2002;

Location/Qualifiers
1 (bases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 1072 20-MAY-2003;
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Muramatsu,T., Fujita,T., Kiyama,M., Irie,T. and Okano,K.
Preparation method of nucleic acid sample for rare expressed
and analyzing method using the prepared nucleic acid samples
                                                                     Unknown
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                                                                                                                                                                                     Linnarsson, S.G., Ernfors, P.G. and Bauren, G.G. A method and an algorithm for mrna expression Patent: WO 0208461-A 24 31-JAN-2002; Global Genomics AB (SE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 (bases 1 to 17)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 1075 20-MAY-2003;
Location/Qualifiers
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Sequence 24 from Patent
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AX361606.1 GI:18694225
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/mol_type="unassigned RNA"
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                                                                                                      /note="Double-stranded product DNA"
                                                                                                                   organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned RNA"
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AX692524
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synthetic construct
                                                             AX814938
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                                                                                                                                                                                                                                                                                                                Patent: EP 1281758-A 5259 05-FEB-2003;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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24 from Patent WO03064691
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Location/Qualifiers
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                                                                                                                                                                                                                                 /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                         GI:39104076
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100.0%; Pred. No.
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. 9e+02;
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Best Local Similarity
Matches 16; Conserv
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artificial sequences.

CE 1 (bases 1 to 17)

RS Nagasu,T., Sugita,Y., Kashiwabara,T., Oshida,T., Obayashi,M.,
RS Gunji,S., Obayashi,I., Imai,Y., Yoshida,N., Ogawa,K., Matsui,K.,
Takahashi,E. and Yokoi,A.

795, a novel gene related to pollen allergy

Patent: WO 0065050-A 4 02-NOV-2000;

GENOX RESEARCH INC,TAKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,
TADAHIRO OSHIDA,MASAYA OBAYASHI,SHIGEMICHI GUNJI,IZUMI OBAYASHI,
YUKHHO IMAI, NEI YOSHIDA,KAORU OGAWA,KEIKO MATSUI,EIKI
TAKAHASHI,AKIRA YOKOI
OS Artificial Sequence
PN WO 0065050-A/4
PD 02-NOV-2000
PP 26-APR-2000 WO 2000JP002734
PP 26-APR-2000 WO 2000JP002734
PP 27-APR-1999 JP 99P 120494
PR 27-APR-1999 WO 2000JP002734
PR 27-APR-1999 WO 2000JP002734
PR 17AKESHI NAGASU,YUJI SUGITA,TOMOKO KASHIWABARA,TADAHIRO OSHIDA,
PI NEI YOSHIDA,
PI NEI YOSHIDA,
PI KAORU OGAWA,KEIKO MATSUI,EIKI TAKAHASHI,AKIRA YOKOI PC
C12N15/12,C07K14/47,C07K16/18,C12Q1/68,G01N33/50//A61K31/00, PC
CC Description of Artificial Sequence:Artificially Synthesized CC
Primer Sequence
FH Kev

LOCATION OSHIDA, TOMOKO CASHIWABARA,TADAHIRO CC
Primer Sequence
FH Kev
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16; Conserv
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                                  TTTTTTTTTTTTTG 4484
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novel gene related to pollen allergy.
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/mol_type="unassigned DNA"
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/note="Description of Artificial Sequence:
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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9e+02;
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RESULT 1201
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BD091752
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It (bases 1 to 17)

Results, Sugita, Y., Kashiwabara, T., Oshida, T., Obayashi, M., Results, Sugita, Y., Kashiwabara, T., Oshida, N., Ogawa, K., Matsui, K., Results, S., Obayashi, I., Imai, Y., Yoshida, N., Ogawa, K., Matsui, K., Takahashi, E. and Yokoi, A.

465, a novel gene related to pollen allergy

AL Patent: WO 0073439-A 4 07-DEC-2000;

GENOX RESEARCH INC, TAKESHI NACASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA, MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI, NEI YOSHIDA, KAORU OGAWA, KEIKO MATSUI, EIKI TAKAHASHI, AKIRA YOKOI

OS Artificial Sequence

WO 0073339-A/4

ED WO 0073339-A/4
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465, a novel gene related
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1 (bases 1 to 17)
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KAORU OGAWA, KEIKO MATSUI
C12N15/10, C12Q1/68, G01N33/15, G01N33/50
Description of Artificial Sequence: Artificially
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           18-MAY-2000 WO 2000JP003190
27-MAY-1999 JP 99P 148783
TAKKSHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,
MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
07-DEC-2000
07-DEC-2000 WO 2000JP003191
18-MAY-2000 WO 2000JP003191
27-MAY-1999 JP 99P 148784
TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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100.0%; Pred. No.
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pollen
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BD091775
LOCUS
                         RESULT 1204
BD097336
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BD097336 17 bp DNA Method for examination for allergosis.
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FH Key Location/Qualifiers.
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BD091775
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WO 0073440-A/4.
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18-MAY-2000 WO 2000JP003192
27-MAY-1999 JP 99P 148785
TAKESHI NAGASU, YUJI SUGITA, TOMOKO KASHIWABARA, TADAHIRO OSHIDA, MASAYA OBAYASHI, SHIGEMICHI GUNJI, IZUMI OBAYASHI, YUKIHO IMAI,
                                                                                                                          Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           novel gene related
                                                                                                                                                                       /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                                    100.0%;
                                                                                                                        0.2%; Score 16; DB
100.0%; Pred. No. 9e-
ive 0; Mismatches
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Pred. No.
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9e+02;
                                                                                                                                   DB 1; Length 17; 9e+02;
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             PAT 27-AUG-2002
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Best Local Similarity
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synthetic construct

artificial sequences.

If (bases 1 to 17)

RS Nagasu,T., Oshida,T., Obayashi,I., Matsui,K. and Sait,H.

RS Nagasu,T., Oshida,T., Obayashi,I., Matsui,K. and Sait,H.

REHOd for examination for allergosis

patent: WO 0165259-A 7 07-SEP-2001;

GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF

NATIONAL CHILDREN'S HOSPITAL, HIROMITSU NAKAICHI,VUTAKA

FUJIKI,KAZUO FUKAWA,OSAMU KUDO TAKESHI NAGASU,TADAHIRO OSHIDA,IZUMI

OBAYASHI,KEIKO MATSUI, HIROHISA SAITO

OS Artificial Sequence

PN WO 0165259-A/7

PD 07-SEP-2001

OS-MAR-2000 JP 00P 61832

PR 02-MAR-2000 JP 00P 61832

PR 02-MAR-2000 JP 00P 61832

PR 17AKESHI NAGASU,TADAHIRO OSHIDA,IZUMI OBAYASHI,KEIKO MATSUI, PI

PUTDUTEN GAITON
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PC A61P37/08
CC Description of
Primer Sequence
                                                                                                                                                                                                                        synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 17)
Sugita,Y., Hashida,R., Ogawa,K., Fujishima,T., Nagasu,T.,
Sugita,Y., Hashida,R., Ogawa,K., Fujishima,T., Nagasu,T.,
Tsujimoto,G. and Takahashi,E.
Method of examining allergic disease
Patent: WO 0224903-A 428-MAR-2002;
GENOX RESEARCH 1KC, JARAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, YUJI SUGITA,RYOICHI HASHIDA,KAORU
OGAWA,TOMOKO FUJISHIMA, TAKESHI NAGASU, GOZO TSUJIMOTO,EIKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            N
                                  TAKESHI NAGASU,
PI GOZO TSUJIMOTO,EIKI TAKAHASHI
PC C12N15/09,C12N5/10,C07K14/47,C07K16/18,C12P21/02,C12Q1/02,
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WO 0224903-A/4.
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                                                                                          Artificial Sequence
200224903-A/4
200225903-A/4
21-SEP-2002
21-SEP-2001 WO 2001JP008246
25-SEP-2000 JP 00P 291318
27JJ SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Description of Artificial Sequence: Artificially Synthesized
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A01K67/027, A61K31/713, A61K45/00, A61K48/00, A61P17/00, A61P37/08
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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100.0%; Pred. No.
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. 9e+02;
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BD143836
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                                            Query Match
Best Local S
Matches 16
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JOURNAL
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Best Local Similarity
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Method of examining allergic disease
Method of examining allergic disease
Patent: JP 2002095500-A 4 02-APR-2002;

GENOX RESEARCH INC, THE DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL
OS Artificial Sequence
PN JP 2002095500-A/4
PD 02-APR-2002
PF 25-APR-2002
PF 25-SEP-2000 JP 2000291316
PI YUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, MASAYA OBAYASHI, PI
TAKESHI NAGASU,
PI KOZO TSUJIMOTO
PC
C1201/68, A01K67/027, A61K31/7088, A61K31/711, A61K45/00, A61P37/08, PC
C1201/68, A01K67/027, A61K31/7088, A61K31/711, A61K45/00, A61P37/08, PC
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PC C07K16/18,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N5/10 PC
,C12N15/09,C12P21/02,
PC C12Q1/02,G01N33/15,G01N33/50//C12P21/08,C12N5/00,C12N5/00,
C12N15/00
CC Description of Artificial Sequence:an artificially synthesis
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                                               . Similarity
16; Conser
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  artificial sequences.
1 (bases 1 to 17)
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BD143836.1 GI:27849594
JP 2002095500-A/4.
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TTTTTTTTTTTTTT 4484
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G01N33/50//C12P21/08,(C12N5/10,C12R1:91),(C12P21/02,C12R1:91)
Description of Artificial Sequence:an artificially synthesized
                                             0.2%; Score 16; DB larity 100.0%; Pred. No. 9e Conservative 0; Mismatches
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                       /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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RESULT 1207
BD167837
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AUTHORS
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BD167909
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Best Local (
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OS ARTLÍCIAI Seque:
PN WO 0233122-A/4
PD 25-APR-2002
PF 11-OCT-2001 WO 2
PR 13-OCT-2000 JP 0
PI YUJI SUGITA, RYOI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TAKESHI NAGASU,
PI HIROHISA SA
PC C12Q1/68,C1
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PC A01K67/
CC Descrip
Method of examining allergic disease Patent: WO 0226952-A 8 04-APR-2002; GENERAL DIRECTOR GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR NATIONAL CHILDREN'S HOSPITAL, MASAKAZU ADACHI, KAZUO MIYANAGA SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA, TAKESHI
                                                                                           artificial sequences.
1 (bases 1 to 17)
Sugita,Y., Hashida,R., Ogawa,K., Fujishima,T.,
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Patent: WO 0233122-A 4 25-AR-2002;
GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF
NATIONAL CHILDREN'S HOSPITAL, RINAKO NAKAGAWA YUJI SUGITA,RYÓICHI
HASHIDA,KAORU OGAWA,MASAYA OBAYASHI, TAKESHI NAGASU, HIROHISA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               artificial sequences.

1 (bases 1 to 17)

Sugita, Y., Hashida, R., Ogawa, K., Obayashi, M., Nagasu, T., Saito, H.
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                                                                                                                                            synthetic construct
synthetic construct
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                                                                                  Saito,H.
                                                                                                                                                                          BD167909.1 GI:27873721
WO 0226962-A/8.
                                                                                                                                                                                                         Method of examining allergic BD167909
                                                                                                                                                                                                                                           BD167909
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WO 0233122-A/4.
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W0 0233122-A/4
25-APR-2002
25-APR-2000
11-CCT-2001 WO 2001JP008937
13-CCT-2000 JP 00P 314093
13-CCT-2000 JP 00P 314093
TUJI SUGITA, RYOICHI HASHIDA, KAORU OGAWA, MASAYA OBAYASHI,
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Description of Artificial Sequence:an
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C12Q1/68,C12N15/09,G01N33/53,G01N33/50,C12Q1/02,A61K48/00,
                                                                                                                                                                                                                                                                                                                                                                                      Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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100.08; צי
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9e+02;
                                                                                                                                                                                                                                           DNA
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                                                                                              Nagasu, T.
                                                                                                                                                                                                                                            PAT
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BD168113
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JOURNAL
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Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                        AUTHORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM
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                                                                                                     Method for examination for allergosis

Method for examination for allergosis

Patent: WO 0233069-A 20 25-APR-2002;

GENOX RESEARCH INC, JAPAN AS REFRESENTED BY GENERAL DIRECTOR OF

NATIONAL CHILDREN'S HOSPITAL, TOMOVUKI FUKASAWA, CHUHEI NOJIRI, NOBUO

MATSUHASHI, KOJI NISHIZAWA, YUJI SUGITA, RYOICHI HASHIDA, KAORU

OGAWA, MASAYA OBAYASHI, TAKESHI NAGASU, HIROHISA SAITO

OS Artificial Sequence

PN WO 0233069-A/20

PD 25-APR-2001

PD 25-APR-2001

PT 13-CCT-2001 UO 2001JP008574

PR 13-CCT-2001 UO 2001JP008574

PR 13-CCT-2000 JP 00P 314093

PI HIROHISA SAITO

PC C12N15/09,C12N15/63,C12Q1/68,C12Q1/02,G01N33/53,C12N5/10, PC

C12N15/09,C12N15/63,C12Q1/68,C12Q1/02,G01N33/53,C12N5/10, PC

PC C12N15/09,C12N15/63,C12Q1/68,C12Q1/02,G01N33/53,C12N5/10, PC

DESCRIPTION OF Artificial Sequence: an artificially synthesized

CC Description of Artificial Sequence: an artificially synthesized
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OS Artificial Sequence
PN WO 0226962-A/8
PD 04-APR-2002
PF 21-SEP-2001 WO 2001
PR 26-SEP-2000 JP 00P
PI YUJI SUGITA, RYOICHI
TAKESHI NAGASU,
PI HIROHISA SAITO
PC C12N15/09,C12N5/10,
C12Q1/68,
PC A01K67/027,A61K31/7
PC G01N33/15,
PC G01N33/50//C12P21/0
PC G01N33/50//C12P21/0
PC G01N33/50//C12P21/0
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synthetic construct
artificial sequences.
1 (bases 1 to 17)
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Method fo
BD168113
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WO 0233069-A/20.
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Key
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G01N33/50//C12P21/08,(C12N5/10,C12R1:91),(C12P21/02,C12R1:91)
Description of Artificial Sequence:an artificially synthesized
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C12N15/09,C12N5/10,C07K14/47,C07K16/18,C12P21/02,C12Q1/02, PC
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26-SEP-2000 JP 00P 293021
SUGITA, RYOICHI HASHIDA, KAORU OGAWA, TOMOKO FUJISHIMA,
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WO 0226962-A/8
04-APR-2002
                                     Key
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                      sequence
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%; Pred. No. 9e+
0; Mismatches
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/organism='Artificial Sequence'.
                    Location/Qualifiers
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9e+02;
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LOCUS
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ACCESSION
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ACCESSION
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KEYWORDS
                                                                                                                RESULT 1211
A92625/c
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BD171179
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Best Local Similarity
Matches 16; Conserv
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PN WO 0250269-J
PD 27-JUN-2002
PF 21-DEC-2001
PR 21-DEC-2000
PI YOSHIKO MARK
TAKESHI NAGASU,
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1 (bases 1 to 17)

Assumoto,Y., Imai,Y., Oshida,T., Sugita,Y., Nagasu,T. and Matsumoto,Y., Imai,Y., Oshida,T., Sugita,Y., Nagasu,T. and Tsujimoto,G.

Method of examining allergic disease Patent: WO 0250259-A 4 27-7UN-2002;

GENOX RESEARCH INC, JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL, MASAMICHI TAKAGI,AKINORI OTA YOSHIKO NATIONAL CHILDREN'S HOSPITAL NATIONAL CHILDREN'S HOS
18 bp. A92625
Sequence 6 from Patent EP0829542.
A92625
A92625.1 GI:6741270
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WO 0250269-A/4.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      21-DEC-2001 WO 2001JP011286
21-DEC-2000 JP 00P 389476
YOSHIKO MATSUMOTO, YUKIHO IMAI, TADAHIRO OSHIDA, YUJI SUGITA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           primer sequence
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WO 0250269-A/4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism='Artificial
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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9e+02;
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OS Artificial Sequence
PN JP 2000037190-A/11
PD 08-FEB-2000
PF 23-JUL-1998 JP 199822
PR
JUN NISHIU, YUSUKE NAK
PC C12N15/09, C07K14/47, C
C12N15/02,
PC C12P21/02, C12P21/08//
PC C12N15/00, C12N15/00, (C
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PC C12N15/00, C12N15/00, (C
PH Key Lord
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synthetic construct
artificial sequences.

1 (bases 1 to 18)
Jun,N., Yusuke,N. and Toshihiro,T.
Mammal-derived tissue specific physiologically active protein
Patent: JP 2000037190-A 11 08-FEB-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 18)
Breipohl,G.D. and Lutz,M.D.
Method for amplification of nucleic acids
Patent: EP 0829542-A 6 18-MAR-1998;
18 bp DNA linear py Mammal-derived tissue specific physiologically active E32457
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Mammal-derived tissue specific p
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                                                                                                                                             Conservative
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C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10,
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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100.0%; Pred. No. 9.9e+02;
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PC C12P2
PC C12N1
PC C12N1
PC C12N5
CC Key
FH Key
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1 (bases 1 to 18)

Jun,N., Yusuke,N. and Toshihiro,T.

Mammal-derived tissue specific physiologically active protein patent: JP 2000037190-A 17 08-FEB-2000;

JAPAN TOBACCO INC
                                                                                                                                                                                                                                                                                                                                                                                                                             artificial sequences.

1 (bases 1 to 18)

Jun,N., Yusuke,N. and Toshihiro,T.

Mammal-derived tissue specific physiologically active protein
Patent: JP 2000037190-A 20 08-FEB-2000;

JAPAN TOBACCO INC
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JP 2000037190-A/17.
synthetic construct
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JP 2000037190-A/20
08-FEB-2000
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C12N15/09, C07K14/47, C07K16/18, C12N1/19, C12N1/21, C12N5/10,
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JP 2000037190-A/17
08-FEB-2000
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/organism="synthetic construct"
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/db_xref="taxon;32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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AX085253
Sequence 7 f
AX085253
AX085253.1
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                                                                                                                                                                                                        Unclassified.

1 (bases 1 to 18)

1 (bases 1 to 18)

Cohen,D., Chumakov,I. and Blumenfeld,M.

Biallelic markers for use in constructing a high density disequilibrium map of the human genome patent: US 6537751-A 4670 25-MAR-2003;
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AR292935
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AR208427
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Kaufman,J.C., Roth,M.E., Lizardi,P.M.,
Binary encoded sequence tags
Patent: US 6383754-A 7 07-MAY-2002;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="genomic |
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 GI:13275311
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AX129391
AX129391.1
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Ribozyme
diseases
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AX129390
          Robbins, J.M. and Tritz, R. Ribozyme therapy for the
                                                                       Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                   Robbins, J.M. and Tritz, R. Ribozyme therapy for the treatment of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   synthetic construct
synthetic construct
artificial sequences.
                                               Eukaryota; Metazoa; Chordata; Mammalia; Eutheria; Primates;
                                                                                                                                                                                                                                                                                                                                                                                               Patent: WO 0130362-A 608 03-MAY-2001; IMMUSOL, INC. (US)
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                                                                                                                                                    AX129391
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Mammalia; Eutheria; Primates;
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ilarity 100.0%; Pred. No. 9.9e+02;
Conservative 0; Mismatches 0;
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/mol type="unassigned DNA"
/db xref="reaxon:32630"
/noTe="Primer"
                                                                                                                                                                                                                                                                                                                      /note="Cdk6 ribozyme binding site"
                                                                                                                                                                                                                                                                                                                                  /mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                          organism="Homo sapiens"
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                                                 Craniata; Vertebrata; Catarrhini; Hominidae;
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OS Unidentified
PN JP 199196874-A/7
PD 27-JUL-1999
PF 14-JAN-1998 JP 1998005399
PR HIDEKI KAMIBARA, SENSHU UEMATSU
PC C12N15/09,C12Q1/68,G01N27/447,C12N15/00,G01N27/26 CC
Strandedness: Single;
CC Topology: Linear;
FH Key Location/Qualifiers
FT source 1.20
FT source /organism='Unidentified'.
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Kambara,H. and Uematsu,C.

DNA fragment preparation method for gene expression profiling

Patent: US 6203988-A 7 20-WAR-2001;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AR142677 20 bp
Sequence 7 from patent US 6203988.
AR142677
AR142677.1 GI:15103963
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                                                                                                                                                                 1 (bases 1 to 20)
Hideki, K. and Senshu, U.
Method for analyzing DNA fragment
Patent: JP 1999196874-A 7 27-JUL-1999;
HITACHI LTD
                                                                                                                                                                                                                                                  unidentified
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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100.0%; Pred. No. 1.2e+(
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AR313774
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AR309844
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                   4079 TIGGANATCCTTCCCA 4094
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Sequence 4:
AR309844
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Unknown.
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Griffais,R., Hoiseth,S.K., Zagursky,R.J.,
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynucleotides and
Patent: US 6559294-A 4311 06-MAY-2003;
N
                                                                                                                                                                                                  Unknown
                                                                                                                                                                                                                                           Sequence 4311 from patent AR313774
                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 (bases 1 to 20)
Alzawa,A., Kawakami,A. and Kondo,T.
Testis-specific gene
Patent: US 6555670-A 4 29-APR-2003;
                                                                                                                                                                                     Unclassified.
                                                                                                                                                                                                           Unknown.
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
                                                                                    /mol_type="genomic DNA"
                                                                                               organism="unknown"
                                                                                                                    Location/Qualifiers
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RESULT 1224

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AUTHORS
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Sequence 4 from Patent EP1195382.
AX404077
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AX078001 20 bp
Sequence 15 from Patent WO0105435.
AX078001
                                                                    BD143136 2
Novel testis-specific gene.
BD143136 3
BD143136 1 GI:27848894
                                                                                                                                                                                                                                                                                                                        Livestock Improvement Association of Japan, of Gunma University (JP)
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                                  synthetic construct synthetic construct
                                                          JP 2002112777-A/3
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Mammalia; Eutheria; Primates;
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 Aizawa,A., Kawakami,A.
            artificial sequences.
1 (bases 1 to 20)
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                                                                                                                                                                                                                                                                                                                                                                                              artificial sequences.
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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100.0%; Pred. No.
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Catarrhini; Hominidae
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AX356851
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AX095067
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AX095067
                                    synthetic construct synthetic construct
                                                                                   Sequence 9
AX356851
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Dudler,R.,
                                                                        AX356851.1
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                       artificial
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 Schaffrath, U.
                        ведиепсев
                                                                        GI:18674099
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Novel testis-specific gene

Patent: JP 2002112777-A 3 16-APR-2002;

KACHIKU KAIRYO JIGYODAN, PRESIDENT OF GUNMA UNIVERSITY
OS Artificial Sequence
PN JP 2002112777-A/3
PD 16-APR-2002
PF 03-OCT-2000 JP 2000303994
PI AKIRA AIZAWA, AKIKO KAWAKAMI, TOSHIHIKO KONDO
PC C12N15/09,C07K14/47,C12N15/00
CC Novel testis-specific gene
PH Key
Location/Qualifiers
FT source
1 . . 20
FT source
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FT source
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FT source
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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245 from Patent WO0118250.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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from Patent W00206490
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1; Mismatch
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Lawton, K.A.
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Fransen,L. and Devos,K.
Fransen,L. and Devos,K.
THER POLYPEPTIDES AND PEPTIDES, NUCLEIC ACIDS CODING FOR THEM,
THEIR USE IN THE FIELD OF TUMOR THERAPY, INFLAMMATION OR IMMU
Patent: WO 9322437-A 37 11-NOV-1993;
INNOGENETICS NV (BE); FRANSEN LUCIA (BE)
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Sequence 37 from patent US
AR085104
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                                                        1 (bases 1 to 22)
Frameen,L., Devos,K., Van De Voorde,A. and Van Heuverswyn,H.
Polypeptides and peptides, nucleic acids coding for them, and
use in the field of tumor therapy, inflammation or immunology
Patent: US 5981277-A 37 09-NOV-1999;
                                                                                                                                                Unknown.
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Mammalia; Eutheria; Rodentia;
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37 from Patent WO9322437
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/db xref="taxon:10095"
/ceIl_line="PU5-1.8"
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/db_xref="taxon:32630"
 /organism="unknown"
/mol_type="unassiqn
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_type="unassigned DNA"
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100.0%; Pred. No.
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16; Conservative
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Human papillomavirus
Viruses; dsDNA viruses, no RNA stage; Papillomaviridae;
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Detection of human papillomavirus e6 mrna
Patent: WO 03057927-A 125 17-JUL-2003;
Norchip A/S (NO)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      synthetic construct
synthetic construct
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                                              Similarity 100.0%; 16; Conservative
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                                                                                                                                                                                                                                                                                                    125 from Patent
                                                                                           /organism="Human papillomavirus"
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/mol_type="unassigned DNA"
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                                                                                                                                          Location/Qualifiers
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RESULT 1235
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                                                                      Sequence 1869 from Patent AX496104 AX496104.1 GI:23341714
                                                                                                                                                                                                                                                                                                                                                                                         Detection system for analyzing molecular interactions, production and utilization thereof
Patent: WO 0071749-A 16 30-NOV-2000;
Aventis Research & Technology GmbH & Co. KG. (DE)
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Sequence 16 from Patent W00071749.
AX053000 GI:12227102
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Human papillomavirus
Viruses; dsDNA viruses, no
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Sequence 321 from Paten
AX803289
AX803289.1 GI:38501954
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; E
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                            Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       synthetic construct synthetic construct
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                                                                                                                                                                                                                                                                                                      /note="Komponente (b)-3"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:10566"
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100.0%; Pred. No. 1.3e+03;
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100.0%; Pred. No. 1.4e+03;
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AR084538/c
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Unclassified.

E 1 (bases 1 to 24)
E (bases 1 to 24)
Matson,R.S., Coassin,P.J., Rampal,J.B. and Carlo Control Contr
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Sequence 27
AR084538
AR084538.1
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Sequence 6 from Patent W09733897.
A65828
A65828.1 GI:4531390
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Location/Qualifiers
                                                                                                                                                                                                                                             Garbesi, A.M., Bonazzi, S., Zanella, S., Capobianco, M.L., Giannini, G., Arcamone and Federico.
OLIGONUCLEOTIDE-ANTHRACYCLINE AND OLIGONUCLEOTIDE-ANTHRACYCLINONE
                                                                                                                                                                                          CONJUGATES
Patent: WO 9733897-A 6 18-SEP-1997;
                                                                                                                                      CONSIGLIO NAZIONALE RICERCHE (IT)
Other publication AU 2155497 19971001
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                            Location/Qualifiers
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Pred. No. 1.5e+03;
0; Mismatches !
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AR026546
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AR026547
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Best Local Similarity
Matches 19; Conserv
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Best Local Similarity 79.2%;
Matches 19; Conservative (
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Matches 19; Conserva
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Gray, D.M. and Clark, C.L.
Method for selectively ranking sequences
Patent: US 5856103-A 10 05-JAN-1999;
Location/Qualifiers
         AR121809
Sequence 6 from patent US
AR121809
AR121809.1 GI:14105385
                                                                                                    1 rererererererererere 24
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Sequence 10 from patent US
AR026547
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Gray, D.M. and Clark, C.L.
Method for selectively ranking sequences
Patent: US 5856103-A 9 05-JAN-1999;
Location/Qualifiers
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Unclassified.
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Sequence 9 from patent US
AR026546
AR026546.1 GI:5937386
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llarity 79.2%;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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79.2%;
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Pred. No. 1.5e+03;
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Pred. No. 1.5e+03;
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Pred. No. 1.5e+03;
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AR128995
                                                                                                                                                                                                       DEFINITION
ACCESSION
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il Similarity 79.2%;
19; Conservation
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Sequence 10
AR128995
                                                                        1 (bases 1 to 24)
Gray, D.M. and Clark, C.L.
Apparatus and method for selectively ranking antisense targeting
Patent: US 6183966-A 11 06-FEB-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                1 (bases 1 to 24)
Gray, D.M. and Clark, C.L.
Apparatus and method for selectively ranking sequences for antisense targeting
Patent: US 6183966-A 10 06-FEB-2001;
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1 (bases 1 to 24)

1 (bases 1, Naria., Bonazzi, S., Zanella, S., Capobianco, M. Luigi., Garbesi, A. Maria., Bonazzi, S., Zanella, S., Capobianco, M. Luigi., Giannini, G. and Arcamone, F. Giannini, G. and Arcamone, F. Oligonucleotide-anthracycline and oligonucleotide-anthracyclinone
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Sequence 11 from patent
AR128996
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Patent: US 6160102-A 6 12-DEC-2000;
Location/Qualifiers
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/mol_type="unassigned
                     /organism="unknown"
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                                                           Location/Qualifiers
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/mol_type="unassigned
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Pred. No. 1.5e+03;
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Pred. No. 1.5e+03;
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AR154042/c
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Best Local S
Matches 19
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                                                                           source
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B 1 (bases 1 to 24)

B 2 (bases 1 to 24)

E 3 (bases 1 to 24)

E 4 (bases 1 to 24)

E 6 (bases 1 to 24)

E 6 (bases 1 to 24)

E 7 (bases 2 to 24)

E 8 (alvin, M., Miller, A., Penny, L. and Riedy, M.

Genotype determination of human UDP-glucuronosyl transferase 2B4

(UGT2B4), 2B7 (UGT2B7) and 2B15 (UGT2B15) genes

Patent: JP 2002521067-A 80 16-JUL-2002;

AXYS PHARMACEUTICALS INC

E 7 (Bases 2 to 24)

E 8 (Bases 2 to 24)

E 9 (
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Sequence
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Genotype determination of human (UGT2B4), 2B7 (UGT2B7) and 2B15
                                                                                                                                                                                                                            Genotype determination of human UDP-glucuronosyl transferase 2B4 (UGT2B4),
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                                                                                                                            SEFF
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JP 2002521067-A/80.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Schumm, J.W. and Bacher, J.W.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unclassified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Similarity
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                                                                                          /organism='Homo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="unknown"
/mol_type="unassigned DNA"
/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    from patent
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                                                                                                                                                                                                  and 2B15 (UGT2B15)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0;
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Best Local S
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1 (bases 1 to 24)
Inigo,S., Gloria,V., Maite,C., Antonio,F., El
Inigo,S., Gloria,V., Maite,C., Antonio,F., El
Novel human cathepsin L2 protein and gene enc
utilization thereof
Patent: JP 200050886-A 6 22-FEB-2000;
FUJI CHEMICAL INDUSTRIES LTD
OS Artificial Sequence
PN JP 2000050886-A/6
PD 22-FEB-2000
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I28768
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1 (bases 1 to 24)
B.ang.vik,C.O., Eriksson,U. and Peterson,P.A.
DNA encoding mammalian retinol binding protei
corresponding vectors and transformed cells
                                                                                                                                                  Unknown
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synthetic construct
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C12N15/09,C07K14/47,C12N1/21,C12N5/10,C12N9/50,C12Q1/68,
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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Pred. No. 1.5e+03;
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Best Local Similarity 79.2%;
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Best Local Similarity 79.2%;
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                                                                                                                                                                            1 (bases 1 to 24)
B.ang.vik,C.Olof., Eriksson,U. and Peterson
Mammalian retinol-binding protein receptors
Patent: US 5679772_A 3 21-OCT-1997;
                                                                                                                                                                                                                                                                                  Sequence 3 from patent US I70526
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Optimized catalytic DNA-cleaving ribozymes Patent: US 5580967-A 13 03-DEC-1996; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 (bases 1 to 24) Joyce, G.F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 13 from patent I30522
                                                                                                                                                                                                                                                 Unknown.
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Location/Qualifiers
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/mol_type="unassigned DNA"
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Unknown...
Unclassified.
1 (bases 1 to 24)
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Nucleic acids and proteins of a rat ganglioside GM1-specific August 2 fucosyltransferase and uses thereof Patent: US 6339170-A 6 11-DEC-2001;
Location/Qualifiers
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Sequence 6 :
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AR231231
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                                                                                                            Unknown.
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Location/Qualifiers
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Galvin, M., Miller, A.,
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Kang,S.-M., Braat,A.E., Baekkeskov,S
Noncleavable Fas ligand
Patent: US 6451759-A 10 17-SEP-2002;
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/mol_type="genomic"
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/mol_type="genomic

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Sequence 12 from Patent
AX047396
AX047396.1 GI:11876622
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AR435564
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Manipulation of fructan catabolism in plants
Patent: WO 0068402-A 12 16-NOV-2000;
K.U. Leuven Research & Development (BE)
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Holmes, E.H. and Sh
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|mol_type="unassigned DNA"
|db_xref="taxon:32630"
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PAT. 21-NOV-2001
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/noTe="Hypothetical Probe Sequence"
                                                                                                             GI:23338935
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; Pred. No. 1.5e.
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                                                                             Freyssinet, G., Rang, C. and Frutos, R. Pepsin-sensitive modified bacillus thuringiensis Patent: WO 02074799-A 30 26-SEP-2002; AVENTIS CROPSCIENCE S.A. (FR)
                                                                                                                                                              synthetic construct synthetic construct
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AX574693/c
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2862 GGAAGCAAGGAGGAGGGAGGTGGG 2885
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Stem cell culture
Patent: WO 03080816-A 26 02-OCT-2003;
THE UNIVERSITY OF SHEFFIELD (GB)
Location/Qualifiers
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Sequence 26 from Patent WO03080816.
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synthetic construct
artificial sequences.
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Similarity 79.2%;
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                                                                                        /organism="Homo sapiens"
/mol_type="unassigned DNA"
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Edinger,S., Gerlach,V., Macdougall,J.R., Maiyankar,U.M., Smithson,G., Millet,I., Peyman,J.A., Stone,D.J., Gunther,E., Ellerman,K., Shinkets,R.A., Padigaru,M., Guo,X., Patturajan,M., Taupier,R.J., Burgess,C.E., Zerhusen,B.D., Kekuda,R., Spytek,K.A., Pocality, R.A., Pernandes,E.R. and Gorman,L. Proteins and nucleic acids encoding same Patent: WO 0233087-A 104 25-APR-2002; Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                Eukaryola; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Patent: JP 2002502606-A 92 29-JAN-2002;
PROMEGA CORP
OS Unidentified
PN JP 2002502606-A/92
PD 29-JAN-2002
PF 04-FEB-1999 JP 2000530608
PR 04-FEB-1999 US 09/018584
PI JAMES W SCHUMM, JEFFREY W BACHER
PC C12N15/09,C12Q1/68,C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Material and method for specifying an tandem repeat
CC DNA marker
FT SOURCE
FT SOURCE

CC TOPOLOGY: Linear;
CC Topology: Linear;
CC Material and method for specifying an tandem repeat
CC DNA marker
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/organism='Unidentifi
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                                                                                                                                                                       synthetic construct synthetic construct artificial sequences.

1 (bases 1 to 24)
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BD182875.1 GI:31875075
JP 2002345477-A/8.
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Schumm, J.W. and Bacher, J.W.
Material and method for spe
                                                                                                                Ide,H., Yamamura,K. and Araki,K.
Knockout animal
Patent: JP 2002345477-A 8 03-DEC-2002;
JAPAN SCIENCE AND TECHNOLOGY CORP,HIROYUKI IDE,KENICHI YAMAMURA,
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JP 2002502606-A/92.
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BD130148
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Artificial Sequence
JP 2002345477-A/8
03-DEC-2002
25-MAY-2001 JP 2001157567
HIROYUKI IDE, KENICHI YAMAMURA, KIMI ARAKI
C12N15/09, A01K67/027, C12N5/10, C12N15/00, C12N5/00
ription of Artificial Sequence: synthetic DNA FH
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/db_xref="taxon:32644"
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Pred. No. 1.5e+03;
0; Mismatches 5
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SOURCE
ORGANISM
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RESULT 1264
BD182976/c
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Best Local S
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                            BD182976.1 GI:31875176 JP 2002360266-A/12.
                                                      Mutant simian virus 40VP1
BD182976
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synthetic construct synthetic construct
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KANESASHI,

MYNOOL HOCK,HIROAKI YAJIMA,KOSUKE KATAOKA,HIROSHI HANDA PC
C12N15/09,C07K14/025,C12N5/10,C12P21/02//A61K47/42,A61K48/00, PC
C12N15/00,
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synthetic construct
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1 (bases 1 to 24)
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Mutant simian virus 40VP1
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JP 2002360266-A/11
17-DEC-2002
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                                                                                                                                                                                                                 Conservative
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KENICHIRO ISHIZU,HAJIME WATANABE,SONG-IEE HAN,SHINNOSUKE
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                                                                                                                                                                                                                                                                    /organism="synthetic construct"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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Pred. No. 1.5e+03
0; Mismatches
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Pred. No. 1.5e+03
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AX427136
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AX116188/c
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Best Local Similarity 79.2%;
Matches 19; Conservative
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Kataoka, K. and Handa, H.
Mutant simian virus 40VP1 capsid protein
Patent: JP 2002360266-A 12 17-DEC-2002;
HIROSHI HANDA
OS Artificial Sequence
PN JP 2002360266-A/12
PD 17-DEC-2002
PP 13-JUN-2001 JP 2001179161
PI KENICHIRO ISHIZU, HAJIME WATANABE, SONG-IEE HAN, SHINNOS
KANESASHI,
PI KENICHIRO ISHIZU, HAJIME WATANABE, SONG-IEE HAN, SHINNOS
KANESASHI,
PI MYNOOL HOCK, HIROAKI YAJIMA, KOSUKE KATAOKA, HIROSHI HAN
C12N15/09, C07K14/025, C12N5/10, C12P21/02//A61K47/42, A61K48/
C12N15/00, C07K14/025, C12N5/10, C12P21/02//A61K47/42, A61K48/
C12N15/00
CC C12N5/00
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CC L12N5/00
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CC L2N5/00
CC L2N5/00
CC L333Q, double mutation antisense primer
FH Key
C12N15/00
CC L2N5/00
CC L2N5/00
CC L3N5/00
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                     28 bp
Sequence 36 from Patent WO0196559.
AX427136
AX427136.1 GI:21530519
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Genotyping reagents, kits and methods of use thereof Patent: WO 0129262-A 1311 26-APR-2001; Orchid BioSciences, Inc. (US)
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15/09, C07K14/025, C12N5/10, C12P21/02//A61K47/42, A61K48/00,
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JP 2002360266-A/12
17-DEC-2002
13-JUN-2001 JP 2001179161
KENICHIRO ISHIZU,HAJIME WATANABE,SONG-IBE HAN,SHINNOSUKE
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/db_xref="taxon:32630"
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Pred. No. 1.5e+03;
0; Mismatches 5
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Pred. No. 1.6e+03;
0; Mismatches 5;
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A method of arraying genome clone
Patent: JP 2001321190-A 1178 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL REGENOTECHS
OS Artificial Sequence
PN JP 2001321190-A/1178
PD 20-NOV-2001
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 5276 25-MAR-2003;
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                                                                                                                                                                   synthetic construct
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BD088934.1 GI:22634544
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/mol_type="genomic DNA"
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/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36 Genomics 74 (1), 55-70 (2001)
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                                                                                                                                                                                   /note="reverse primer for human STS sts-R54K8R at 1p:
sts-R54K8R obtained from clones B294M5, B87K5, B54K8
B368H10, B305E18, Human BAC library RPCI-11"
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/mol_type="genomic DNA"
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Genetic sequence assay using DNA tri-
Denetic US 5861244-A 18 19-JAN-1999;
Location/Qualifiers
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Sequence 5 from Patent WO9423026.
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GENSET (FR)
Other publication AU 6432094 941024
Other publication FR 2703053 940930.
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Vasseur,M., Blumenfeld,M., Meguenni,S. and Poddevin,B.
STAPLE AND SEMI-STAPLE OLIGONUCLEOTIDES, METHOD OF PREPARATION AND APPLICATIONS
1 (bases 1 to 20) Evans, G.A. and Smith, M.W. Method for generation of Patent: US 5851760-A 613
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/mol_type="unassigned DNA"
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17; Conserv
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Patent: US 6133246-A 14 17-OCT-2000;
                                                                                                                                                                                                                                                                                                  Sequence 14 from patent US
AR116433
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Flanagan, W.M. and Crabtree, G.R.
Screening methods for immunosuppressive
Patent: US 5989810-A 8 23-NOV-1999;
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Sequence 8 from patent |
AR087815
AR087815.1 GI:10014578
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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AR122472
AR122472.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Ward, D.T. and Cowsert, L.M.
Antisense modulation of NCK-2 expression
Patent: US 6165728-A 26 26-DEC-2000;
Location/Qualifiers
                                        l Similarity
17; Conserv
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Similarity 89.5%;
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TTTTTTTTTTTTAGCTTG 19
                                                                                                                                                                                                     Artificial sequences.
JP 1996332100-A/1
17-DEC-1996
06-JUN-1995 JP 1995139051
OKANO KAZUNOBU, KANBARA HIDEKI
C12Q1/68,C07H21/04//C12N15/09;
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                                                                                                                         /organism='Artificial
                                                                               /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /mol_type="unassigned
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AR182885

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1 (bases 1 to 20)

1 (bases 1 to 20)

Krieg,A.M., Davis,H.L., Wu,T. and Schorr,J.

Vectors and methods for immunization or therapeutic protocols

Patent: US 6339068-A 57 15-JAN-2002;

Location/Qualifiers
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AR182885
AR182885.1
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1 (bases 1 to 20)

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Crabtree,G.R., Northrop,J.P., Ho,S.N. and Flanagan,W. NF-AT polypeptides and polynucleotides and screening immunosuppressive agents

Patent: US 6352830-A 59 05-MAR-2002;
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AR198323
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AR208136
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Popoff, I. and Wyatt, J.
AntiBense modulation of damage-specific DNA binding
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                                  US 6379960-A 54 30-APR-2002;
Location/Qualifiers
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/mol_type="unassigned DNA"
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organism="unknown"
/mol_type="unassigned DNA"
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89.5%; Pred. No. 1.3e+03;
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Matches 17; Conservative (
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AR264951
Sequence 35
AR264951
AR264951.1
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Sequence
AR241028
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                                                                                                                                                                                                                             Watt, A.T.
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Patent: US 6465629-A 11 15-OCT-2002;
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/mol_type="genomic |
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/mol_type="genomic DNA"
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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RESULT 1283
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Sequence 39
AR366677
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Sequence 5 from patent US
AR371269
AR371269.1 GI:34608201
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Kurane,R., Kanagawa,T., Kamagata,Y., Kurata,S., Yamada,K., Yokomaku,T., Koyama,O. and Furusho,K.

Method for determining a concentration of target nucleic acid molecules, nucleic acid probes for the method, and method for analyzing data obtained by the method patent: US 6492121-A 35 10-DEC-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                     1 (bases 1 to 20)
Bennett,C.F. and Wyatt,J.
Antisense modulation of glioma-associated oncogene-1 expression
Patent: US 6329203-A 39 11-DEC-2001;
Location/Qualifiers
                                                                        1 (bases 1 to 20)
Buchardt,O., Egholm,M., Nielsen,P.E.
Peptide nucleic acids
Patent: US 6395474-A 5 28-MAY-2002;
                                                                                                                                         Unknown
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                                       organism="unknown"
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Pred. No. 1.3e+03;
 Score 15.8;
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                          567 TGGGGAAGGAAGGATCGA 585
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1 Similarity 89.5%;
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Zea mays
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expression in plants
Patent: WO 0112799-A 13 22-FEB-2001;
Suedwestdeutsche Saatzucht (DE)
Location/Qualifiers
                                                                                                                                                                                                                                                        Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD clade; Panicoideae; Andropogoneae; Zea.
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Patent: WO 0112798-A 13 22-FEB-2001;
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                                                                                                       /mol_type="unassigned
/db_xref="taxon:4577"
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/mol_type="unassigned
/db_xref="taxon:4577"
                                                                                                                                  'organism≔"Zea mays"
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Pred. No. 1.3e+03;
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WO0112798.
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                                                                                                                                                                                                                                                        disease
Patent: EP 1113081-A 35 04-JUL-2001;
PATENTITUT PASTEUR DE LILLE (FR) ; INSTITUT NATIONAL DE LA SANTE
DE LA RECHERCHE MEDICALE (INSERM) (FR)
Location/Qualifiers
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17; Conserv
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AX134124
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AX134125
AX134125.1 GI:14270889
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Grabe
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                                                                                                                                                                                                                                                                                                                                    Chartier-Harlin, M.C., Amouyel, P. and Lambert, J.C. Implication of a known gene named cp2/lsf/lbp-1 in
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 1.3e+03;
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Matches 17; Conserv
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           Saito, K., Ohe, N. and Satoh, H.
Mutant er g(a) and test systems for transactivation
Patent: WO 0142307-A 86 14-JUN-2001;
Sumitomo Chemical Company, Limited (JP)
Location/Qualifiers
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Sequence 86 from Patent
AX167902
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INSTITUT PASTEUR DE LILLE (FR) ; INSTI
DE LA RECHERCHE MEDICALE (INSERM) (FR)
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AX149021
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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89.5%; Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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AX184029/c
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Sequence 35
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AX189733.1
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  on 0.2%; similarity 89.5%; 17; Conservative
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Sequence 1782 from Pater
AX184029
AX184029.1 GI:15135365
                                                                                                            Patent: WO 0148240-A 35 05-JUL-2001;
INSTITUT PASTEUR DE LILLE (FR) ; INSTI
DE LA RECHERCHE MEDICALE (INSERM) (FR)
Location/Qualifiers
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Location/Qualifiers
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Patent: WO 0142511-A 1782 14-JUN-2001;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db xref="texon:32630"
/noTe="Designed oligonucleotide primer for
                                                     /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 1.3e+03;
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Libraries of optimum subsequence regions of mrna and genomic dn for control of gene expression
Patent: WO 0161030-A 125 23-AUG-2001;
Cytoclonal Pharmaceutics, Inc. (US); University of Texas at Dallas, Dept. of Molecular and Cell Biology (US); Lab. of Experimental Carcinogenesis, National Cancer Institute/NIH (US)
Location/Qualifiers
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DE LA RECHERCHE MEDICALE (INSERM)
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/mol_type="unassigned DN:
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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The Johns Hopkins UNiversity School of Medicine (US)
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/mol_type="unassigned DNA"

/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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Aegilops tauschii
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Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Pooideae; Triticeae; Aegilops.
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                                                                                                                                       Candida albicans
Candida albicans
Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; mitosporic Saccharomycetales; Candida.
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                                                 Roemer, T., Jiang, B., Boone, C., Bussey, H. and Ohlsen, K.L. Gene disruption methodologies for drug target discovery Patent: WO 02053728-A 4081 11-JUL-2002; Elitra Pharmaceuticals, Inc. (US)
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Sequence 208 from Patent
AX462464
                                 Elitra Pharmaceuticals, Inc.
Location/Qualifiers
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organism="Candida albicans"/
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Pred. No. 1.3e+03;
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                                                                                                                                                            Inhibition of angiogenesis by nucleic acids Patent: WO 02053141-A 243 11-JUL-2002; Coley Pharmaceutical Group, Inc. (US)
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Sequence 243 from Patent
AX547104
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AX495922
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:5476"
                                                                                          /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                /note="Synthetic
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Pred. No. 1.3e+03;
0; Mismatches 3;
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Pred. No. 1.3e+03;
D; Mismatches 2;
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Use of nucleic acids containing unmethylated CPC the treatment of LPS-associated disorders patent. JP 2001513776-A.65 04-SEP-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION
OS Artificial Sequence
PN JP 2001513776-A/65
PD 04-SEP-2001
PF 25-FEB-1997 US 60/039405
PF 25-FEB-1997 US 60/039405
PR 28-FEB-1997 US 60/039405
PC A61K49/00,C07H21/02,C07H21/04,A01N43/04
CC synthetic oligonucleotide
FH Key 1...20
FT source /organism='Artificial Seque
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1 (bases 1 to 20)

Mckay, R., Dean, N., Monia, B.P.,
Antisence oligonucleotide compo
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BD069976.1 GI:22615579
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ISIS PHARMACEUTICALS INC
OS Artificial Sequence
PN JP 2001514905-A/14
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1 (bases 1 to 20)
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                              18-SEP-2001
07-AUG-1998 JP 2000509875
13-AUG-1997 US 08/910629
13-BUG-1997 US 08/910629
ROBERT MCKAY NICHOLAS DEAN, BRETT P MONIA, PAMELA SCOTT, WILLIAM A GAARDE
C12Q1/68,A61K31/7088,A61K48/00,A61P35/00,C12N15/09,C12P19/34,
C12N15/00
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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OS Homo Bapiens
PN JP 2002355075-A/1
PD 10-DEC-2002
PF 29-JAN-2002 JP 200:
PR 29-JAN-2001 US
PI sotillos konstantii
PH Key
Canis famillaris
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
1 (bases 1 to 20)
Venta, P.J., Brouillette, J.A., Yuzbasiyan-Gurkan, V. and Brewer, G.J
                                                                  L77493.1 GI:1261692
STS; PCR identification; PCR primer; clotting
tagged site; universal mammalian STS.
Canis familiaris (dog)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 20) Krasanasis, S.K., Lin, Z. and Panec, R.L. A Method for Creating Endothelial Cell Dysfunction In Cell
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A Method for Creating Endothelial
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Key Location/Qualifiers.
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29-JAN-2001 US 60/264780
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Pred. No. 1.3e+03;
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 Yuzbasiyan-Gurkan, V. and Brewer, G.J.
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RESULT 1308
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l Similarity 89.5%;
17; Conservative
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        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 21)

Fan, J.B., Hirschhorn, J.N., Huang, X., Kaplan, P., Lander, E.S., Lockhart, D.J., Ryder, T. and Sklar, P.
                                                                                                       BD266062
BD266062.1 GI:33075830
JP 2002539849-A/62.
                                                                                                                                                                                                                                                                                                                                                                                                                           Chiswell, D.J. and Ortlepp, S.A.
DNA sequence coding for HRP enzyme
Patent: EP 029968-A 2 18-JAN-1989;
AMERSHAM INTERNATIONAL plc
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Universal arrays
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
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PI S'LANDER,
PI DAVID J'LOCKHART, TH
PC C12Q1/68, C12M1/00, C
G01N33/566,
PC G01N37/00, C12N15/00
CC Universal arrays
FH Key Loc
FT Source /or
                                                                          AR297828
Sequence 9563
AR297828
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AR295890
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WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH, AFFYMETRIX

OS HOMO Sepiens (human)

PN JP 2002539849-A/62

PD 26-NOV-2002

PP 27-MAR-2000 JP 2000608794

PR 26-MAR-1999 US 60/126473,23-JUN-1999 US 60/1

JIAN BING FAN, JOEL N HIRSCHHORN, XIAOHUA
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17; Conserv
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Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 7625 25-MAR-2003;
Location/Qualifiers
 Unclassified.
1 (bases 1 to
                         Unknown
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llarity 89.5%;
Conservative
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C12Q1/68, C12M1/00, C12N15/09, C12N15/09, C12N15/09, G01N33/53,
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/mol_type="genomic"
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Sequence
AR298580
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 10315 25-MAR-2003;
Location/Qualifiers
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17; Conserv
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Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 6537751-A 9563 25-MAR-2003;
Location/Qualifiers
                                                                                                                          PATENT: WO 9915644-A 6 01-APR-1999;
CARDINAL GUY (CA); UNIV LAVAL (CA)
                                                                                                                                                                 Cardinal, G. and Levesque, R.C. Method for the identification
                                                                                                                                                                                                      synthetic construct
synthetic construct
artificial sequences.
                                                                                                                                                                                                                                                         Sequence 6 from Patent AX004657 AX004657.1 GI:9928093
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Unclassified.
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Similarity 89.5%;
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Similarity 89.5%;
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10315 from patent US 6537751.
                                                                                                              Location/Qualifiers
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           Score 15.8; DB 1
Pred. No. 1.3e+03
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Pred. No. 1.3e+03;
0; Mismatches 2
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AX096743
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                                                                                                                                                                  WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH Pharmaceuticals, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Single nucleotide polymorphisms in genes Patent: WO 0118250-A 1582 15-MAR-2001; WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH Pharmaceuticals, Inc. (US)
                                                                                                                                                                                                           Single nucleotide polymorphisms in genes Patent: WO 0118250-A 1921 15-MAR-2001;
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                                                                                                                                                                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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CAACTGTCCAYTGCTTGGTGC
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nilarity 81.0%;
Conservative 1
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Pred. No. 1.3e+03;
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AX487307/c
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AX154237
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Matches 17
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Best Local Similarity 81.0%;
Matches 17; Conservative
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          Candida albicans
Candida albicans
Cundida fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; mitosporic Saccharomycetales; Candida.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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AX154237
AX154237.1 GI:14535851
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Patent: WO 0138576-A 176 31-MAY-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
Location/Qualifiers
                                                                                                  Sequence 4607 from Patent AX487307
                                                                                                                                                                                                                                                                                                                                                                               Human single nucleotide polymorphisms 
patent: WO 0138576-A 335 31-MAY-2001; 
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH 
Location/Qualifiers
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Pred. No. 1.3e+03;
1; Mismatches 3
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AX697037/c
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artificial sequences.

1 (bases 1 to 21)

Kita, S., Komiyama, T. and Taniyama, Y.
Novel protein, process for producing the sare patent: JP 2001335598-A 49 04-DEC-2001;

TAKEDA CHEMICAL INDUSTRIES LTD
OS Artificial Sequence
PN JP 2001335598-A/49
PD 04-DEC-2001
PPF 23-MAR-2001 JP 2001084088
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Eaton, D.L., Gao, W.Q., Pan, J., Botstein, D., Fong, S., Goddard, A.,
Godowski, P.J., Gurney, A.L., Smith, V., Tumas, D., Wood, W.I.,
Grimaldi, C.J., Hillan, K.J., Paoni, N.F., Roy, M.A. and Watanabe, C.
Secreted and transmembrane polypeptides and nucleic acids encodi
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                                                                                                                                                   synthetic construct
synthetic construct
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:5476"
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Pred. No. 1.3e+03;
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il Similarity 89.5%;
17; Conservation
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BD101911.1 GI:22647485
WO 0170974-x/4
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l Similarity
17; Conserv
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TAKEDA CHEMICAL INDUSTRIES LTD,YOSHIO
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                                                                                                                                                                                                                                                                     Artificial Sequence
WO 0170974-A/49
27-SEP-2001
22-MAR-2001 WO 2001JP002279
24-MAR-2000 JP 00P 088595
YOSHIO TANIYAMA, SHUNBUN KITA, TOMOKO KOMIYAMA
C12N15/12, C07K14/47, C07K16/18, C12Q1/68, A61K38/17, A61K31/711, A61K48/00,
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                                                                                                                       /organism='Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="synthetic construct"
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 Sequence
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                                                                                                                                                         1 Similarity
17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 M.musculus mRNA for T-cell receptor beta chain junction region (M1-129).
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beta-chain; junctional region;
Mus musculus (house mouse)
Mus musculus
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Direct Submission
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Mammalla; Eutheria; Rodentia; Sciurognathi; Muridae;
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                                                                                                                                                                                                                                /gene="M1-129"
19. .21
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15. .18
                                                                                                                                                                                                                  /gene="M1-129"
                                                                                                                                                                                                                                                                                                                                                           /product="T cell receptor beta chain"
/note="junctional region"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /sub_species="domesticus"
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/cell_type="T_cell_hybridomas"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       organism="Mus musculus"
/mol_type="mRNA"
/strain="B10.BR-Mtv1"
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Pred. No. 1.3e+03;
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AR172577
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AR070354
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Gray, J.W., Collins,C., Pinkel,D., Kal
Amplifications of chromosomal region
indicator in breast cancer
Patent: US 5801021-A 23 01-SEP-1998;
Location/Qualifiers
                               1 (bases 1 to 22)
Re,R. and Cook,J.
Inhibition of cellular proliferation in vitro by oligonucleotide binding to a chromosomal binding site for p53 protein Patent: US 6303328-A 9 16-OCT-2001;
Location/Qualifiers
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                                                                                                               Unknown
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ay, J., Collins, C.,
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                                                                                                                                                                                                                                                                                                                               /organism="unknown"
/mol_type="unassigned
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /mol_type="unassigned DNA"
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_type="unassigned
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Sequence 9 from patent US
AR430168
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17; Conserv
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Sequence 8 from Patent WO03034072.
AX751587 GI:32133866
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 Sequence 203
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R. and Cook, J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="unknown"
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                                                                                                                                                                            organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                  /note="Primer"
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Pred. No. 1.4e+03;
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AR174126
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AR374791/c
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AR174126
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Sequence 1 from
AR374791
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Ballinger, D.G., Ding, W., Wagner, S. and Hess, M.A.
Chromosome 11-linked coronary heart disease susc
                                                     Method of treating BK virus nephropathy
Patent: US 6605602-A 1 12-AUG-2003;
Location/Qualifiers
                                                                                                                               Unknown
                                                                                                                                                                                                                                                                                                                                                                                         Nucleic acid segments encoding wheat acetyl-CoA carboxylase Patent: US 6306636-A 30 23-OCT-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                           1 (bases 1 to 23)
Haselkorn, R.H. and Gornicki, P.
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Location/Qualifiers
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                    /organism="unknown"
/mol_type="genomic |
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/mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                       Candida albicans
Candida albicans
Candida albicans
Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; mitosporic Saccharomycetales; Candida.
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Sequence 5105 from Patent
AX487805
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AX457061
Sequence 22 from Patent
AX457061
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/db_xref="taxon:5476"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                           Location/Qualifiers
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                                                                                                                      Score 15.8; DB 1;
Pred. No. 1.5e+03;
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0; Mismatches 2;
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Pred. No. 1.5e+03;
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AR078307
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                      AUTHORS
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Best Local Similarity
Matches 17; Conserv
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Best Local Similarity
Matches 17; Conserv
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Patent: US 5763244-A 3 09-JUN-1998;
Location/Qualifiers
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AR078307
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                                                                      Unknown
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Wong-Madden, S.T. a
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                                                                                                           AR078307.1
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llarity 89.5%;
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/mol_type="unassigned DNA"
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5763244.
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S 5962332.
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in (bases 1 to 24)
Singer, R. H. and Taneja, K.L.
Detection of trinucleotide repeats by in situ hybridization
Patent: US 5962332-A 17 05-OCT-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Brinkmann, U., Hoffmeyer, S. and Mornhinweg, E. Polymorphisms in the human gene for the multidrug resistance-associated protein 1 (mrp-1) and their use and therapeutic applications and therapeutic Applications Patent: WO 02059142-A 36 (1-AUG-2002; Epidauros Biotechnologie AG (DE)

Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 1.5e+03;
0; Mismatches 2
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Pred. No. 1.6e+03;
0; Mismatches 2
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  AR243446
Sequence
AR243446
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CC C12N1/19,C12N1/21,C12N5/10,C12N9/12,C12P21/08,(C12N1/19, PC C12R1:84),

C12R1:84),

PC (C12N1/21,C12R1:19),(C12N9/12,C12R1:19),(C12N9/12,C12R1:84),

PC (C12N9/12,C12R1:91),C12N15/00,A61K37/64,C12N5/00 CC

Strandedness: Single;

CC Topology: Linear;

FH Key Location/Qualifiers

FT Source 1.24

FT Source (organism='Unidentified'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    l Similarity
17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Thomas,R.S., Jochimu,R., Torn,N., Karen,B.C., Calvin,B.H. and William,H.A. Calvin,B.H. Expenses extalytic subunit promoter Patent: JP 1999253177-A 133 21-SEP-1999;
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                                                                                                     GGGAGCAGCTGCGGGCGCT 249
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                                                                                                                             Conservative
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C12N15/09, A61K31/70, A61K38/55, A61K39/395, A61K39/395, A61K48/00,
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              239
                                                                                                                                                                       /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                  /organism='Unidentified'.
Location/Qualifiers
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/mol_type="unassigned DNA"
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Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
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08/851.843, PR
08/911.312, PR
08/915.503 PI
08/915.503 PI
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AR390602/c
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AR393216
AR393216.1
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Sequence 47:
AR390602
AR390602.1
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                                                         drug screening
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231 GGGAGCAGCTGCGGGCGCT 249
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Morin,G.B. and Andrews,W.H.
Promoter for telomerase reverse transcriptase
Patent: US 6610839-A 472 26-AUG-2003;
Location/Qualifiers
                                                                           1 (bases 1 to 24)
Cech, T., Lingner, J., Nakamura, T., Chapman, K.B., Morin, G.B., Harley, C.B. and Andrews, W.H.
Cells immortalized with telomerase reverse transcriptase for
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Cech,T.R., Lingner,J., Nakamura,T., Chapman,K.B., Morin,G.B., Harley,C.B. and Andrews,W.H.
Human telomerase catalytic subunit: diagnostic and therapeutic
                             Patent: US 6617110-A 472 09-SEP-2003;
Location/Qualifiers
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Similarity 89.5%;
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/mol_type="genomic DNA"
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Pred. No: 1.6e
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0; Mismatches :
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Sequence 1369 from Patent
AX289607
AX289607.1 GI:17051290
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Immunostimulatory nucleic acids
Patent: WO 0122972-A 945 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
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/db_xref="taxon:32630"
                                                                                                       /note="Hypothetical Probe Sequence"
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Pred. No. 1.6e+03;
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Sequence 3671 from Patent
AX291909
AX291909.1 GI:17053592
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Hypothetical Probe Seque
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/mol_type="unassigned DNA"
/mol type="unassigned DNA"
/db xref="taxon:32630"
/noTe="nucleotides encoding a nuclear localization
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Sequence 50 from Patent WO0222830.
AX405356
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD clade; Panicoideae; Andropogoneae; Zea.
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AX405363
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17; Conserv
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Transglutaminase gene products
Patent: WO 0222830-A 50 21-MAR-2002;
UNIVERSITY COLLEGE CARDIFF CONSULTANTS
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Location/Qualifiers
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Patent: WO 0222830-A 57 21-MAR-2002;
UNIVERSITY COLLEGE CARDIFF CONSULTANTS LTD.
                                                                                                                                     Homo sapiens
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Mammalia; Eutheria; Primates;
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Pred. No. 1.6e+03;
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AX701746/c
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3851 CTCCTTTTCTCCTTATTCC 3869
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Inhibition of angiogenesis by nucleic acids Patent: WO 02053141-A 945 11-JUL-2002; Coley Pharmaceutical Group, Inc. (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 945 from Patent AX547806
                                                                                                                                                                                                         Distler,J. and Leu,E.
Method for detecting cytosine methylation by comparatively analysing single strands of amplificates
Patent: WO 03002760-A 8 09-JAN-2003;
                                                                                                                                                                                                                                                                                                     synthetic construct synthetic construct
                                                                                                                                                                                                                                                                                                                                                             Sequence 8 from Patent WO03002760. AX701746
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                                                                                                      /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="reaxon:32630"
/noTe="Primer"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:32630"
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Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
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C12N15/09,
PC C12Q1/02,C12Q1/48
G01N33/53,
PC G01N33/566,G01N33
Strandedness: Single;
CC Topology: Linear;
FH Key
FT source
FT /organism='Uniden
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Harley,C.B. and Andrews,W.H.
Human telomerase catalytic subunit
Patent: Ep 1333094-A 472 06-AUG-2003;
Geron Corporation,(US); University T
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AX810507
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PI CALVIN B HARLEY, WILLIAM H ANDREWS
PC A61K38/00, A61K31/7088, A61K39/00, A61K48,
PC C07K5/10,
PC C07K5/10, C07K5/117, C07K7/06, C07K7/08, C
                                                                                                                                                                                                                                                                                                                                        GERON CORP, UNIVERSITY TECHNOLOGY CORP
OS Unidentified
OS Unidentified
PN JP 2001081042-A/133
PD 27-MAR-2001
PF 27-JUL-2000 JP 2000227474
PF 27-JUL-2000 JP 2000227474
PF 01-OCT-1996 US 08/724643,18-APR-1997 US 08/846017,06-MAY-1997 US 08/954050,14-AUG-1997 US 08/954050,14-AUG-1997 US 08/952951,14-AUG-1997 US 08/952951,1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 24)
SechilT.R., Lingner,J., Nakamura,T., Chal
Harley,C.B. and Andrews,W.H.
Human telomerase catalytic subunit
Patent: JP 2001081042-A 133 27-MAR-2001;
GERON. CORP,UNIVERSITY TECHNOLOGY CORP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Human telomerase catalytic subunit.
BD011176
BD011176. GI:18639549
JP 2001081042-A/133.
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C07K5/107,C07K5/117,C07K7/06,C07K7/08,C07K16/40,C12N9/12,
                                                                                                                                                                                                                                                   CALVIN B HARLEY, WILLIAM H ANDREWS
A61K38/00, A61K31/7088, A61K39/00, A61K48/00, A61P35/00, A61P43/00,
                                                                                                               G01N33/566, G01N33/573//C12P21/08, A61K37/02, C12N15/00
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    organism='Unidentified'.
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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08/851843 PR
08/911312 PR
08/915503 PI 1
N B CHAPMAN, PI GI
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FEATURES
artificial sequences.

1 (bases 1 to 27)
Sengu,K.Y. and Ito,S.
REPLICATION OF DNA
PATENT: JP 1993103673-A 79 27
ARIZONA BOARD OF REGENTS
OS Artificial sequence; Gen
PN JP 1993103673-A/79
PD 27-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                          3459 CCCTGACAGACATCCAGCC 3477
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artificial sequences.
1 (bases 1 to 24)
Kaneuchi, H. and Kamimori, M.
Method for distinguishing cancer cell
Patent: JP 2001309791-A 14 06-NOV-2001;
HAJIME KAMEUCHI, MAKOTO KAMIMORI
OS Artificial Sequence
PN JP 2001309791-A/14
PD 06-NOV-2001
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                                                                                                                                                                                                                                                                 DNA sequence of 3'terminal fragment
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PI HAJIME KANEUCHI, MAKOTO KANHMORI
PC C12N15/09,C12Q1/02,C12Q1/68//G01N33/574,C12N15/00 CC
Description of Artificial Sequence:Artificially Synthesized
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/mol_type="genomic DNA"
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Pred. No. 1.6e+03
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SOURCE
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AX355814/c
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AX104719/c
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Sequence 911 from Patent
AX104719
AX104719.1 GI:13920916
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Sequence 842 from Patent
AX355814
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artificial sequences.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FIRECOSPE
                       Patent: WO 0197843-A 842 27-DEC-2001; UNIVERSITY OF IOWA RESEARCH FOUNDATION
                                               cancer
                                                          Methods
                                                                    Weiner, G. and Hartmann, G.
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SENGU KUU YUU, ITO SUMIYOSHI
C12N15/10,C12N15/11/C12Q1/68;
strandedness: Single;
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Location/Qualifiers
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/note='3'terminal fragment
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 1.9e+03;
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Pred. No. 1.9e+03;
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AX547772/c
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Sequence 8 :
AR162080
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Szostak, J.W., Roberts, R.W. and Liu, R.
Method for selection of proteins using
Patent: US 625858-A 8 10-JUL-2001;
Location/Qualifiers
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Sequence 911 from Patent
AX547772
                                                                                                                                                                                      Unclassified.
                                                                                                                                                                                                      Unknown
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Patent: WO 02053141-A 911 11-UUL-2002;
Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                             /organism="unknown"
/mol_type="unassigned DNA"
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Pred. No. 1.9e+03;
0; Mismatches 7
                                       Score 15.8; DB Pred. No. 2e+03;
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1 (bases 1 to 29)

Szostak, J.W., Roberts, R.W. and Liu, R.

Sorting of proteins using RNA-protein further of the patent: JP 2002536025-A 5 29-OCT-2002;

THE GENERAL HOSPITAL CORP
OS Artificial Sequence
PN JP 2002536025-A/5
PD 2002536025-A/5
PD 29-OCT-2002
PF 01-FEB-2000 JP 2000598669
PF 09-FEB-1999 US 09/247190
PR 09-FEB-1999 US 09/247190
PI JACK W SZOSTAK, RICHARD W ROBERTS, RIPCONTO, COTK1/00, COTK14/00, C12Q1/

Translation template
FT source 1.29
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Szostak, J.W., Roberts, R.W. and Liu, R.
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ilarity 74.1%;
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llarity 74.1%;
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09-FEB-1999 US 09/247190
JACK W SZOSTAK,RICHARD W ROBERTS,RIHE LIU
C12N15/09,C07K7/00,C07K14/00,C12Q1/68,C12N15/00
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                                                                                                                                                                    /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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Sequence 3 :
AR288232
                                                       Boekenkamp,D., Hoppe,H.U. and Burgstaller,P. Detection system for separating constituents production and use of the same Patent: WO 0071747-A 7 30-NOV-2000; Aventis Research & Technologies GmbH & Co. KC
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Sequence 7 from Patent WO0071747.
AXO48408
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Kuimelis,R.G. and Wagner,R.

Addressable protein arrays

Patent: US 6537749-A 3 25-MAR-2003;

Location/Qualifiers
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Szostak, J.W. and Roberts, R.W.
RNA-antibody fusions and their selection
Patent: US 6518018-A 8 11-FEB-2003;
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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organism="synthetic construct"
/mol_type="unassigned DNA"
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Pred. No. 2e+0
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Detection system for separating constituents of a sample and
production and use of the same
Patent: WO 0071747-A 8 30-NOV-2000;
Aventis Research & Technologies GmbH & Co. KG (DE)
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Sequence 8 from Patent WO0071747.
AX048409
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                                                                                                                                                Detection system for analyzing molecular interactions, and utilization thereof Patent: WO 0071749-A 10 30-NOV-2000; Aventis Research & Technology GmbH & Co. KG. (DE)
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AX052994
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                                                       Sequenz:Puromycin-Linker"
                                                                               organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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|mol_type="unassigned DNA"
|db_xref="taxon:32630"
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                                                                  note="Beschreibung der kunstlichen
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Forster, Anthony C. (US) ; Blacklow,
Location/Qualifiers
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Patent: WO 0204656-A 5 17-JAN-2002;
Xzillion GmbH & CO.KG (DE)
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                                                                                                                                   Conservative
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                                                                                                                                                                                            /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      organism="synthetic construct"

mol_type="unassigned DNA"

db_xref="taxon:32630"
                                                                                                                                                                                  /note="FROM SYNTHETIC DNA"
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74.1%;
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           29 bp DNA enabling site specification.
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165795/c
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Protein array enabling site specification
Patent: JP 2002510505-A 3 09-APR-2002;
PHYLOS INC
OS Artificial Sequence
PN JP 2002510505-A/3
PD 09-APR-2002
O9-APR-2002
PF 31-MAR-1999 JP 2000542484
PR 03-APR-1998 US 60/080686
PI ROBERT G KUIMELIS,RICHARD WAGNER
PC C12N15/09,C07H21/02,C07H21/04,C12N1/00,
G01N33/68,
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165795
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Wahab, S.Z. and Malik, V.S.
Protein involved in nicotine synthesis, DNA encoding, and use of sense and antisense DNAs corresponding thereto to affect nicotine content in transgenic tobacco cells and plants
Patent: US 5668295-A 13 16-SEP-1997;
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1 (bases 1 to 29)
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JP 2002510505-A/3.
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03-APR-1998 US 60/080666
ROBERT G KUIMELIS, RICHARD WAGNER
C12N15/09,C07H21/02,C07H21/04,C12M1/00,C12Q1/68,G01N33/566,
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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RESULT 1369
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Circular DNA vectors for synthesis of Patent: US 636802-A 6 09-APR-2002;

Location/Qualifiers
                                                 1 (bases 1 to 30)
Kurane, R., Kanagawa, T., Kamagata, Y., Kurata, S., Yamada, K., Yokomaku, T., Koyama, O. and Furusho, K.

Method for determining a concentration of target nucleic acid molecules, nucleic acid probes for the method, and method for analyzing data obtained by the method patent: US 6492121, A 9 10-DEC-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Highly sensitive multimeric nucleic Patent: US 6077668-A 6 20-JUN-2000; Location/Qualifiers
                                                                                                                                       Unknown.
Unclassified.
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Unclassified.
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1 (bases 1 to 29)
Kool, E.T.
                                                                                                                                                                 Unknown.
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/mol_type="unassigned DNA"
/organism="unknown"
/mol_type="genomic )
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Pred. No. 2e+03;
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BD107497/c
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Best Local (
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OS Artificial Sequence
PN JP 2001286300-A/8
PD 16-OCT-2001
PF 20-APR-2000 JP 2000120097
PI RYUICHIRO KURANE, TAKAHIRO KANEKAN
KURATA,
                                                                                                                                                                      30
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          Novel quantitative polymorphism analysis method BD107497
BD107497.1 GI:23202315
JP 2002000275-A/6.
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Method for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method Patent: JP 2001286300-A 8 16-OCT-2001,

JAPAN BIO INDUSTRY ASSOCIATION,KANKYO ENG KK, DIRECTOR GENERAL OF NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND MINISTRY OF
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synthetic construct
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1 (bases 1 to 30)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                examining the decrease in fluorescence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU, OSAMU KOYAMA, KENTA FURUSHO C12Q1/68, C12M1/00, C12N15/09, G01N31/22, G01N33/53, G01N33/542, PC
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RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAMAGATA, SHINYA
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                                                                                                                                                                                                                                                                                                        /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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assaying nucleic acid,
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Pred. No. 2.1e+03;
0; Mismatches 7;
                                                                                                                                                                                                                                                      Score 15.8; DB 1;
Pred. No. 2.1e+03;
                                                                                                                                                                                                                                                                                                                                                                                           organism='Artificial
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  emission of a nucleic
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                                                                                 DNA
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                                                                                                                                                                                                                                                                                                                                                                                           Sequence'.
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                                                                               linear
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                                                                                 PAT 18-SEP-2002
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PI SHINYA KURATA, KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N1/28, G01N1/28, G01N33/ PC 53,
                                                                                                                                                                                                           Method for assaying nucleic acid, nucleic acid probe used the and method for analyzing data obtained by that method patent: JP 2002119291-A 10 23-APR-2002;
JAPAN BIOINDUSTRY ASSOCIATION, NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD
                                                                                                                                                                                                                                                                                                           artificial sequences.

1 (bases 1 to 30)

Kurane,R., Kanagawa,T., K
Yamada,K. and Yokomaku,T.
                                                                                                                                                                                                                                                                                                                                                                                          synthetic construct
synthetic construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Method for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method.
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PC C12N15/09, C12M1/00, C12M1/34, C12Q1/68, C12N15/00
sequence was prepared synthetically on the aim of (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             synthetic construct
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1 (bases 1 to 30)
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G01N33/566,G01N33/58,G01N37/00,G06F17/10,C12N15/00,C12N15/00,G01N1/28,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         labeled with BODIBY FL/C6 upon the hybridization of the
                                                                                                           23-APR-2002
27-APR-2001 JP 2001133529
RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAWAGATA, MASAKI
                                                                                                                                                                         Artificial Sequence JP 2002119291-A/10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  decrease in fluorescence emission of a nucleic
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RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAMAGATA, SHINYA
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08-JAN-2002
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 2.1e+03;
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                                                                                                                                                                                                                                                                                                                               Kamagata, Y., Torimura, M., Kurata, S.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mismatches
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BD166029/c
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Best Local Similarity
Matches 20; Conserv
Query Match
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                                                                                                                                                                                                                                                                                            CCE 1 (bases 1 to 30)

RS Kurane, R., Kanagawa, T., Kamagata, Y., Toximura, M., Kurata, S., Yamada, K. and Yokomaku, T.

Novel nucleic acid by the method for determining concentrations c nucleic acid by using the probes, and method for analyzing data obtained by the method

AL Patent: JP 2002191372-A 9 09-JUL-2002;

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD

OS ARTIFICIAL Sequence
PN JP 2002191372-A/9
PD 09-JUL-2002
PF 26-SEP-2001 JP 2001295145
PI RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI PI TORIMURA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4012 АЛАЛТСАСАЛАЛАЛАСАСАСАЛАЛАСЛАЛ 4038
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CC CC A
CC A
FH K
                                                                                                                                                                                                                                          PI SHINYA KURATA,KAZUTAKA YAMADA,TOYOKAZU YOKOMAKU PC C12N15/09,C12M1/00,C12Q1/68,G01N33/58//G01N33/53,G01N33/566,C12N15/00 CC The base sequence was prepared synthetically on the aim
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Novel nucleic acid probes, method
nucleic acid by using the probes,
obtained by the method.
BD166029 GI:27871841
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Location/Qualifiers
                                                                                                               source
                                                                                                                               Key
                                                                                                                                            acid.
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The base sequence was prepared synthetically on the
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                          /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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A84538.1
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Cohen, J.I., Purcell, R.H., Feinstone, S.
cDNA encoding attenuated cell culture
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 (bases 1 to 32)

Keene, J.D., Tenenbaum, S.A. and Carson, C.C.

Methods for isolating and characterizing endogenous mRNA-protein (mRNP) complexes

Patent: US 6635422-A 10 21-OCT-2003;

Location/Qualifiers
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AR365237
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Location/Qualifiers
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                                                                                                                                                                                                                      /mol_type="genomic DNA"
  GI:6733457
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                                                                                                                                                                                                                                      organism="unknown"
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Pred. No. 2.3e
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adapted hepatitis
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PN JP 2002516564-A/6
PN JP 2002516564-A/6
PN JP 2002516564-A/6
PD 04-JUN-2002
PF 24-SEP-1997 JP 1998515877
PR 24-SEP-1996 US 60/026603,11-OCT-1996 US 60/028363 PI
SAMULL UMANSKY,HOVSEP MELKONYAN
PC C12N15/12,C12N15/62,C07K14/47,C07K16/18,C12Q1/68,G01N33/53,
G01N33/68,
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Schweizer, M.
                                                                                                                                                                                    RSSSSSEFF
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INST OF FOOD RESEARCH (GB); SCHWEIZER MICHAEL
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 17)
Umansky, S. and Melkonyan, H.
Umansky, S. and Melkonyan, H.
Gene family encoding apoptosis-associated peptides, peptides encoded thereby and method of using the same
Patent: JP 2002516564-A 6 04-JUN-2002;
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BD217905.1 GI:33027675
JP 2002516564-A/6.
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Topology: Linear;
Gene family encoding apoptosis-associated
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 1.1e+03;
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Pred. No. 2.4e+03;
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A90636
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A88669
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unidentified unidentified unclassified.
                                                                      Sequence
A90636
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EXYSCH,W. and Schlingensiepen,K.
ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
PATENT: 00 9833904-A 817 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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A88669
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Other publication IT MI952539 19970604
Other publication AU 1175497 19970627.
Location/Qualifiers
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Sequence 9 from Patent WO9720924.
A63568
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A CLASS OF OLIGONUCLEOTIDES, THERAPEUTICALLY USEFUL AS ANTITUMOURAL
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llarity 81.8%;
Conservative
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                                                                                                                                                                                                                                                                              /organism="unidentified"
/mol_type="unassigned DNI
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Pred. No. 1.5e+03;
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Best Local Similarity 81.8%;
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Sequence
AR038686
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Identification of gene mutations assuadrenal hyperplasia
Patent: US 5807678-A 20 15-SEP-1998;
Location/Qualifiers
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Brysch, W.D. and Schlingensiepen, K.D.

An antisense oligonucleotide preparation method

Patent: ED 0856579-A 817 05-AUG-1998;

BIOGNOSTIK GES (DE)
                                                                                                                1 (bases 1 to 22)
Belyavsky, A. V. and Ivanova, N.B.
Method of identification and cloning differentially expressed
messenger RNAs
                                                                                                                                                                                                                    Sequence 1 from patent AR043093 AR043093.1 GI:5964101
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l Similarity 81.8%;
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nilarity 81.8%;
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Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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                                                 organism="unknown"
/mol_type="unassigned DNA"
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; Pred. No. 1.5e
0; Mismatches
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 Score 15.6; DB 1;
Pred. No. 1.5e+03;
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associated with congenital lipoid
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Best Local Similarity 81.8%;
Matches 18; Conservative
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Best Local Similarity 81.8%;
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                                 utilization thereof.
E58486
E58486.1 GI:18628403
JP 2000152792-A/8.
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AR076211
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Nucleic acid molecules encoding human trichohyalin and use ther patent: US 5958752-A 35 28-SEP-1999;
synthetic construct
synthetic construct
artificial sequences
                                                                                                                                                                                                                                                                                                              1 (bases 1 to 22)
Steinert, P.M., Lee, S.-C., Kim, I.-G., Chung, S.-I. and Park, S.-C.
Nucleic acid molecules encoding human trichohyalin and use thereof
Patent: US 5958752-A 39 28-SEP-1999;
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AR076215
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                                                                                                                                                                                                                                                                /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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RS Nozaki, Y. and Naito, T.

Novel G protein-coupled receptor protein, DNA and utilization

AL Patent: JP 2000152792-A 8 06-JUN-2000;

JAPAN TOBACCO INC

OS Artificial Sequence
PN JP 2000152792-A/8

PD 06-JUN-2000

PF 21-JUN-1999 JP 1999174224

PR
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G01N33/15,
G01N33/15,
G01N33/15,
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Unclassified.
1 (bases 1 to :
Steinert, P.M., )
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Steinert, P.M., Kim, I.-G., Chung, S.-I. and Park, S.-c.
Trichohyalin and transgluteminase-3 and methods of using
Patent: US 5616500-A 35 01-APR-1997;
Location/Qualifiers
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                                                                                            Sequence 39 from patent US I39827
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                        /mol_type="unassigned DNA"
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 Kim, I.-G.,
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Pred. No. 1.5e+03;
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Pred. No. 1.5e+03;
0; Mismatches 4
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 Chung, S.-I. and Park, S.-c
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AR201966/c
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                                            Query Match
Best Local
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AR201969
AR201969.1
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AR201966
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Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J. and Elghanian,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        18;
                                    18;
                                                                                                                                               Elghanian, R.
Nanoparticles having oligonucleotides
                                                                                                                                                                     1 (bases 1 to 22)
Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J. and
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                                                                                                              Patent: US 6361944-A 46 26-MAR-2002;
Location/Qualifiers
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/mol_type="unassigned DNA"
                                                                            /mol_type="unassigned
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                                                                                         organism="unknown"
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AR218064/c
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AR266705/c
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AR266705
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AR218064
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Mirkin,C.A., Letsinger,R.L., Mucic,R.C.,
Elghanian,R.
 Unknown.
Unclassified.
                                          AR266705.1
                                                                                                                                                                                                                                                    Patent:
                                                                                                                                                                                                                                                                      Nanoparticles having oligonucleotides
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Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J.
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Similarity 81.8%;
18; Conservative
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ilarity 81.8%;
Conservative
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Location/Qualifiers
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Location/Qualifiers
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                                                                                                                                                                                                          /organism="unknown"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
                                          GI:29695775
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Pred. No. 1.5e+03;
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Pred. No. 1.5e+03;
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AR274382/c
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Query Match
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Best Local Similarity 81.8%;
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81.8%;
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                                                                                                                                                1 (bases 1 to 22)
Mirkin,C.A., Letsinger,R.L., Mucic,R.C.,
Elghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides att
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Mirkin,C.A., Letsinger,R.L., Mucic,R.C.,
Blghanian,R.
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Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J.
Elghanian, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent: US 6495324-A 43 17-DEC-2002;
Location/Qualifiers
                                                                                                                       Patent: US 6506564-A 43 14-JAN-2003;
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Location/Qualifiers
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                                               /organism="unknown"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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                                                                                                   ocation/Qualifiers
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Pred. No. 1.5e+03
0; Mismatches
Score 15.6; DB 1;
Pred. No. 1.5e+03;
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RESULT 1397
AR344924/c
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AUTHORS
TITLE
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KEYWORDS
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AR274385/c
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AR275597/c
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Best Local Similarity
Matches 18; Conserv
                                                                                                                                                              Query Match
Best Local Similarity
Matches 18; Conserv
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                                                                                                                                                                                                          ## Unknow...
Unclassified.
Unclassified.
1 (bases 1 to 22)
3 1 (bases 1 to 22)
S Martinez, T.R.
3 blocked nucleic acid amplification primers
AL Patent: US 6509157-A 4 21-JAN-2003;
Location/Qualifiers
22
                                                                                                                                 1969 CAACAGCCAGTGATATTCCTGG 1990
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                      AR344924
Sequence 43
AR344924
AR344924.1
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Sequence 4 from
AR275597
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Sequence 46 from patent
AR274385
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Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,
Elghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides attached thereto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent: US 6506564-A 46 14-JAN-2003; Location/Qualifiers
 Unknown
                                                                                                                                                                                                                                                                                                                               Unknown.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="unknown"
/mol_type="genomic DNA"
                       GI:33741005
                                                                                                                                                                       0.2%;
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                                                                                                                                                                                                                                                                                                                                                                             patent US
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                                                                                                                                                           Score 15.6; DB 1;
Pred. No. 1.5e+03;
0; Mismatches 4
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Pred. No. 1.5e+03;
0; Mismatches 4
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S 6582921.
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AR382300/c
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AR344927/c
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Sequence
AR382300
                                                                          1 (bases 1 to 22)
Mirkin,C.A., Letsinger,R.L., Mucic,R.C.,
Elghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides at
                                                                                                                                                                                                                                                                                                                   18;
                                                                                                                                                                                                                                                                                                                                                                                                                             1 (bases 1 to 22)
Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J.,
Elghanian, R. and Taton, T.A.
Nanoparticles having oligonucleotides attached thereto and uses
                                                                                                                                       Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AR344927
Sequence 46 from patent US
AR344927
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent: US 6582921-A 43 24-JUN-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 22)
Mirkin,C.A., Letsinger,R.L., Mucic,R.C.,
Elghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unknown
                                          Patent: US 6610491-A 43 26-AUG-2003;
Location/Qualifiers
                                                                                                                          Unclassified.
                                                                                                                                                  Unknown.
                                                                                                                                                                                                                                                                                                                                                                                                   Patent: US 6582921-A 46 24-JUN-2003;
Location/Qualifiers
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Similarity 81.8%;
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                                                                                                                                                                                               43 from patent US
                                                                                                                                                                                                                                                                                                                                                             /organism="unknown"
/mol_type="genomic"
        /mol_type="genomic
                   organism="unknown"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /mol_type="genomic DNA"
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                                                                                                                                                                          GI:40090712
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Pred. No. 1.5e+03
0; Mismatches
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Pred. No. 1.5e+03;
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S 6582921.
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8 6610491.
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                                                                               attached thereto and
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                                                                                                    Storhoff, J.J.,
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DEFINITION
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SOURCE
ORGANISM
                                      RESULT 1402
AR429641/c
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AUTHORS
TITLE
JOURNAL
FEATURES
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ACCESSION
VERSION
KEYWORDS
SOURCE
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DEFINITION
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AUTHORS
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AR382303/c
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Best Local S
Matches 18
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Best Local Similarity
Matches 18; Conserv
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AR429641
Sequence 43
AR429641
AR429641.1
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Sequence 49
AR400977
AR400977.1
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Sequence 46
AR382303
AR382303.1
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                                                                                                                                                                                        1 (bases 1 to 22)

Bee,G.G., Yang,Y.Y., Kolk,D., Giachetti,C. and Mc
Bee,G.G. of HIV-1 by nucleic acid amplification
Patent: US 6623920-A 49 23-SEP-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent: US 6610491-A 46 26-AUG-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 (bases 1 to 22)
Mirkin, A., Letsinger, R.L., Mucic, R.C.,
Elghanian, R. and Taton, T.A.
Nanoparticles having oligonucleotides att
                                                                                                                                                                                                                                                           Unknown.
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Similarity 81.8%; P
18; Conservative 0;
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larity 81.8%;
Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="unknown"
/mol_type="genomic"
                                                                                                                                                               /mol_type="genomic
                                                                                                                                                                          organism="unknown"
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                   from patent
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Pred. No. 1.5e
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Pred. No. 1.5e+03;
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Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J.,
Elghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides attached thereto
therefor
                                                                                                                                                                                                               22 bp
Sequence 49 from Patent WOO104361.
            Bee, G.G., Yang, Y.Y., Kolk, D.P., Giachetti, C. and Detection of hiv-1 by nucleic acid amplification Patent: WO 0104361-A 49 18-JAN-2001; Gen-Probe Incorporated (US); Bee, Gary G. (US); Kolk, Dan P. (US); Giachetti, Cristina (US) Sherrol Hoffa (US)
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Mirkin,C.A., Letsinger,R.L., Mucic,R.C.,
Elghanian,R. and Taton,T.A.
Nanoparticles having oligonucleotides att
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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S) ; McDonough
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Sequence 3 from Patent EP1106603.
AX113735
AX113735.1 GI:13939902
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                                                                                                                                                                                                                                                     synthetic construct synthetic construct
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Patent: WO 0110468-A 6 15-FEB-2001;
THE GENERAL HOSPITAL CORPORATION (US)
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/mol_type="unassigned DNA"
/db xref="taxon:35630"
/note="synthetic oligomer probe"
                                                                           /organism="synthetic construct"
/mol_type="unassigned_DNA"
/db_xref="taxon:32630"
/noTe="Target_oligonucleotide"
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/mol type="unassigned DNA"
/db xref="taxon.32630"
/noTe="Synthetic Oligonucleotide"
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Pred. No. 1.5e+03;
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Pred. No. 1.5e+03;
0; Mismatches 4;
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AX138865
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AX196215/c
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Matches 18;
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Sequence 7 from Patent EP1092727.
AX138865
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                                                                                                                                                                                                                                                                                                                                                                  Mirkin,C.A., Letsinger,R.L., Mucic,R.C., Storhoff,J.J., Blghanian,R., Taton,T.A. and Li,Z. Nanoparticles having oligonucleotides attached thereto
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synthetic construct
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AX196212
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Patent: EP 1092727-A 7 18-APR-2001;
Pfizer Limited (GB) ; PFIZER INC. (1)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 81.8%; Pred. No. 1.5e+03;
18; Conservative 0; Mismatches 4
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/noTe="random synthetic sequence"
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81.8%; Pred. No. 1.5e+03;
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AX233435.1 GI:15592811
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AX233436
AX233436.1 GI:15592813
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Nanoparticles having oligonucleotides attached thereto and uses
Olaveson,M., Lench,N., Allen,M. and Tazi-Ahnini,R.U. Corneodesmosin based test and model for inflammatory disease Patent: WO 0162788-A 79 30-AUG-2001;
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/mal_type="unassigned DNA"
/db xrefs"taxon:32630"
/note="primer"
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Sequence 80 from Patent WO0181378.
AX320328
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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AX320331
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/note="oligonucleotide primer"
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Sequence 43 from Patent WO0173123.
AX440113
           Sequence 46 from Patent AX440116
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Elghanian,R., Taton,T.A., Park,S.J. and Li
Nanoparticles having oligonucleotides atta
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Sugen, Inc. (US)
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/mol_type="unassigned DNA"
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Sequence 43 from Patent W00218643.
AX465299
AX465299.1 GI:21899662
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                      Mirkin, C.A., Letsinger, R.L., Mucic, R.C., Storhoff, J.J., Elghanian, R., Taton, T.A., Garimella, V., Li, Z. and Park, S.J. Nanoparticles having oligonucleotides attached thereto and
                                                                                                synthetic construct synthetic construct
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Patent: WO 0218643-A 43 07-MAR-2002;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 73 from Patent WO0218643.
AX465329
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               /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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tive 0; Mismatches 4;
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AX556115/c
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AX556112/c
                                            Query Match
Best Local S
Matches 18
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Best Local Similarity
Matches 18; Conserv
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Sequence 46 from Patent WO0246472.
AX556115
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Sequence 43 from Patent W00246472.
AX556112
AX556112.1 GI:25899494
                                            . Similarity
18; Conserv
                                                                                                                                                                                      Nanosphere,
                                                                                                                                                                                       Patent: WO 0246472-A 46 13-JUN-2002;
Nanosphere, Inc. (US)
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ilarity 81.8%;
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ilarity 81.8%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                       e, Inc. (US)
Location/Qualifiers
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Pred. No. 1.5e
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Pred. No. 1.5e+03;
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AX593097/c
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AX556142/c
DEFINITION
ACCESSION
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KEYWORDS
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VERSION
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AX601193
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Sequence 2 from Patent EP1256805.
AX593097
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AX556142
                                                                                                                                                                                                                                                                         Biological material chip
Patent: EP 1256805-A 2 13-NOV-2002;
FUJI PHOTO FILM CO., LTD. (JP)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                Inomata,H., Kojima,M., Sudo,Y., Shinoki,H.,
Seshimoto,O.
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Elghanian,R., Taton,T.A., Garimella,V., Li,
Nanoparticles having oligonucleotides attac
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Similarity 81.8%; Pred. No. 1.
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73 from Patent WO0246472.
               288
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                         /note="oligonucleotide fragment"
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|mol_type="unassigned DNA"
|db_xref="taxon:32630"
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Patent WO02092851.
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AX642854/c
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AX642839
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Matches 18
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18; Conserv
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Patent: WO 02092851-A 288 21-NOV-2002;
ANIMAL HEALTH TRUST (GB); The British
Location/Qualifiers
              synthetic construct
synthetic construct
artificial sequences
                                                                         Sequence 182 from Patent AX642854 AX642854.1 GI:28475074
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Kekuda,R., Spytek,K.A., Casman,S.J., Zerhusen,B.D., Li,L., Tchernev,V.T., Colman,S.D., Ballinger,R.A., Padigaru,M., Wolenc,A.R., Shenoy,S.G., Edinger,S.R., Gerlach,V., Gangolli,E.A., Macdougall,J.R., Smithson,G., Peyman,J.A., Stone,D.J., Gunther,E., Ellerman,K., Grosse,W.M., Alsobrook,J.P., Lepley,D.M. and Burgess,C.E.
                                                                                                                                                                                                                                                                                                                                                                                                        Gpcr-like protein and nucleic acids encoding same Patent: WO 0240539-A 167 23-MAY-2002; Curagen Corporation (US)
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Similarity 81.8%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
/note="Primer"
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mol_type="unassigned DNA"
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Pred. No. 1.5e+03;
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Pred. No. 1.5e+03;
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AX697883/c
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Best Local Similarity 81.8%;
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              Kemp, S.,
Methods a
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Structure with immobilized biological material manufacturing the same Patent: EP 1271149-A 3 02-JAN-2003;
FUJI PHOTO FILM CO., LTD. (JP)
Location/Qualifiers
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AX645742
                                                                          Human immunodeficiency virus
Human immunodeficiency virus
Viruses; Retroid viruses; Ret
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, Vingerhoets, J.H. and Michiels, L.E. and means for assessing HIV envelope EP 1283272-A 2 12-FEB-2003;
                                                                                                                                                                                                                                                                                                                                                                                             /note="Description of Artificial Sequence:oligonucleotide sample of a 22-mer to 5' end of which Cy5 is bound"
                                                                                                                                                                                                                                                                                                                                                                                                                          organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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Pred. No. 1.5e+03;
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Geprotein coupled receptors and nucleic acids encoding same Patent: WO 02059313-A 221 01-AUG-2002;
Curagen Corporation (US)
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                                        Li,L., Ballinger,R.A., Padigaru,M., Kekuda,R., Colman,S.D., Spytek,K.A., Casman,S.J., Vernet,C.A., Shenoy,S.G., Gusev,V., Malyankar,V.M., Edinger,S., Gerlach,V., Smithson,G., Stone,D.J., Sciore,P., Macdougall,J.R., Gunther,E., Peyman,J.A., Ellerman,K., Gangolli,E.A. and Millet,I.
G-protein coupled receptors and nucleic acids encoding same Patent: WO 02059313-A 330 01-AUG-2002;
Curagen Corporation (US)
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l Similarity 81.8%;
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Sequence 330 from Patent
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synthetic construct
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
 organism="synthetic construct"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /note="PCR Primer Sequence"
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|db_xref="taxon:12721"
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Pred. No. 1.5e+03;
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Pred. No. 1.5e+03;
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PC C12N5/1
C12P21/08,
PC C12N15/
CC Novel FH Key
FH Key
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                                                                                              An antisense oligonucleotide BD066182
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Patent: JP 2001186888-A 6 10-JUL-2001;
PFIZER INC
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Schlingensiepen, K.H. and Brysch, W.
                                          unidentified
                                                         unidentified
                                                                     BD066182.1 GI:22611785
JP 2001511000-A/817.
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               (bases 1 to 22)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Homo sapiens (human)
JP 2001186888-A/6
10-JUL-2001
29-SEP-2000 JP 2000300680
30-SEP-199 GB 993177:1
MARK ANTONY OLAYLEE
C12N15/09,A01K67/027,A61K39/395,A61K45/00,A61K48/00,A61P3/00,
                                                                                                                                                                                                                                                             Conservative
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                                                                                                                                                                                                                                                                                                                                                                        /organism='Homo sapiens (human)'
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                  /organism="Homo sapiens"
/mol_type="genomic DNA"
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/db_xref="taxon:32630"
/note="PCR Primer Sequence
                                                                                                                                                                                                                                                                         0.2%;
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81.8%; Pred. No. 1
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COMMENT OS Artificial Sequence
PH JP 2002333446-A 2 22-NOV-2002;

FUJI PHOTO FILM CO LTD

OS Artificial Sequence
PN JP 200233446-A/2
PD 22-NOV-2002
PP 09-MAY-2001 JP 2001138496
PF 09-MAY-2001 JP 2001138496
PF 09-MAY-2001 JP 2001138496
PI HIROKO INOMATA, MASAYOSHI KOJIMA, YUKIO SUDO, HIROSHI SHINOKI PI OSAMU SESHIMOTO
PC G01N33/547, C12M1/00, C12M1/34, C12N15/09, C12Q1/60

CG 01N33/53, G01N37/00, C12M1/34, C12N15/09, C12Q1/60
CC Biological material tir-
FH Key
PT source
FT source
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BD180703/c
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Matches 18; Conserv
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Patent: JP 2001511000-A 817 07-AUG-2001;

EBIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
OS Unknown
PN JP 2001511000-A/817
PD 07-AUG-2001
PP 30-JAW-1998 JP 1998532533
PP 30-JAW-1998 JP 1998532533
PP 31-JAW-1997 EP 97101531.8
PI KARL HERMANN SCHLINGENGIEPEN, WOLFGANG BRYSCH
PC C12N15/11,C07H21/04,A61K31/70
CC An antisense oligonucleotide preparation method FH Ke
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JP 2002333446-A/2
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                                                                                                                                                                            /organism='Artificial
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                                                                                                                  /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD187627/c
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A87195/c
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1 (bases 1 to 22)
Shinoki,H. and Seshimoto,O.
Shinoki,H. and Seshimoto,O.
A structural body on which biological main a process for the preparation thereof patent: JP 2003014746-A 3 15-JAN-2003; FUJI PHOTO FILM CO LTD
OS Artificial Sequence
ON TO 200201476-A 1
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Sequence 6 from Patent WO9837222
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                                                                                                                                                                            METHOD FOR REVERSIBLE IMMOBILIZING OLIGO-
Patent: WO 9837222-A 6 27-AUG-1998;
LANSING MANFRED (DE); SCHMIDT GERD (DE)
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1 (bases 1 to 23)
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Similarity 81.8%;
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GCTTCACCAAGGAGATCAAGGG 998
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27-JUN-2001 JP 2001194786
217-JUN-2001 JP 2001194786
G01N33/53,G01N33/53,C12M1/00,C12N15/09,G01N31/22,G01N37/00,
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/db_xref="taxon:32630"
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Pred. No. 1.5e+03;
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AR017813/c
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AR011818
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AR019090/c
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Best Local Similarity 81.8%;
Matches 18; Conservative
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Unknown.
Unclassified.
1 (bases 1 to 23)
1 (bases 1 to 23)
Gold,L. and Jayasena,S.D.
Nucleic acid ligand inhibitors to DNA polymerases
Patent: US 5763173-A 13 09-JUN-1998;
Location/Qualifiers
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Sequence 13
AR011818
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Sequence 19 from patent
AR017813
AR017813.1 GI:3973416
                                                                                                      AR019090
Sequence 52 from patent US
AR019090
Unclassified.

(Dases 1 to 23)

Kondo, K. and Mocarski, E.S. Jr.

Method of detecting cytomegalovirus

Patent: US 5783383-A 52 21-JUL-1998;
                                                         Unknown.
                                                                                            AR019090.1
                                                                                                                                                                                                                                                                                                                                                  Guo, Z. and Smith, L.M.
                                                                                                                                                                                                                                                                                                                                                            Unclassified.
1 (bases 1 to 23)
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Pred. No. 1.6e+03;
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Pred. No. 1.6e+03;
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AR135108/c
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AUTHORS
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AR089237/c
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                                                                                                                                                                                                                                                               Sequence 52
AR135108
AR135108.1
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                                                                                                                                                                            1 (bases 1 to 23)
Kondo, K. and Mocarski, E.S. Jr.
Method of detecting cytomegalovirus
Patent: US 6194542-A 52 27-FEB-2001;
                                                                                                                                                                                                                                Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Simple and complex tandem repeats with DNA typing Patent: US 5994064-A 3 30-NOV-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 23)
Staub, R.W. and Carrico, M.G.
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AR089237
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                                                                                                                                                                                                                                                                                    52
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/mol_type="unassigned
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                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned
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Pred. No. 1
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Best Local Similarity
Matches 18; Conserv
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TITLE
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                                                                                                                                                                                                                                                                                   source
                                                                                                                                                                                                                                                                                                                                                                                                 Synthetic construct
synthetic construct
artificial sequences.

E 1 (bases 1 to 23)

S Miele,L., Shields,L.S. and Fuchs,C.
Agents for inducing cellular differentiation and apoptosis
Patent: JP 2002526109-A 5 20-AUG-2002;
THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY
THE MAX PLANCK GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN EV
SECRETARY DEPARTMENT OF HEALTH AND HUMAN SERVICES THE NATIONAL
INSTITUTES OF HEALTH
OS ARTIFICIAL SEQUENCE
PN JP 2002526109-A/5
PP 01-OCT-1998 US 60/102816,12-MAR-1999 US 60/124119 PI
D-OCT-1998 US 60/102816,12-MAR-1999 US 60/102816 PI
D-OCT-1998 US 60/102816,12-MAR-1999 US 60/102816 PI
D-OCT-1998 US 60/102816 PI
D-OCT-1998 US 60/102816 PI
D-OCT-1998 US 60/102816 PI
D-OCT-1998 US 60/102816 PI

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                                                                                                                                                                                                                                                                                                                                    马马
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Vakharia, V.N. and Yao, K.
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                                             CTGTTTGAAAGGTGGTGCATGC 5553
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for inducing cellular
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                                                                                                                                                                                                                                                                                                   /organism='Artificial
                                                                                                                                                                                           /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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Pred. No. 1.6e+03;
0; Mismatches 4
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differentiation and apoptosis.
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E62995/c
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BD237654/c
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1 (bases 1 to 23)

Miele, L., Shielde, L.S. and Fuchs, C.

Agents for inducing cellular differentiation and apoptosis
Patent: JP 2002526109-A 6 20-AUG-2002;
THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED FIRE MAX PLANCK GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN I
SECRETARY DEPARTMENT OF HEALTH AND HUMAN SERVICES THE NATIONAL
PI KYOKO TAKAHASHI,CHIHARU NISHIYAMA,TOMOYASU TSURA PC C12N15/09,A61K45/00,A61K48/00,A61P37/08,C12N5/10,C12Q1/68,G01N33/15,
                                                                                                                                                                   1 (bases 1 to 23)
Takahashi, K., Nishiyama, C. and Tsura, T.
                                                                                                                                                                                                                                Homo sapiens
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                                                                                                                                     DNA containing transcriptional activation Patent: JP 2001057889-A 1 06-MAR-2001;
                                                                                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo
                                                                                                                                                                                                                                           Homo sapiens (human)
                                                                                                                                                                                                                                                              JP 2001057889-
                                                                                                                                                                                                                                                                           E62995.1 GI:18633637
                                                                                                                                                                                                                                                                                                         DNA containing transcriptional
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synthetic construct
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                                                                                                                     ASAHI BREWERIES LTD, TOMOYASU AMI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                  CTGTCTCAACGGTGGTACATGC 1
                                                                           Homo sapiens (human)
JP 2001057889-A/1
06-MAR-2001
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Description of Artificial Sequence:
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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Best Local Similarity 81.8
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Unclassified.
3 1 (bases 1 to 23)
5 Gold,L. and Jayasena,S.D.
S Gold,L. and Jayasena,S.D.
Nucleic acid ligand inhibitors to DNA polymerases
Nucleic US 5693502-A 13 02-DEC-1997;
Location/Qualifiers
23
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Baxter-Lowe, L. Ann.
Baxthod for HLA Typing
Patent: US 5545526-A 2 13-AUG-1996;
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Pred. No. 1.6e+03;
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AR233784/c
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Sequence 3
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l Similarity 81.8%;
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1 (Dases 1 to 23)
Staub,R.W. and Carrico,M.G.
Methods of DNA typing with tandem repeats
Patent: US 6458537-A 3 01-OCT-2002;
Location/Qualifiers
          1 (bases 1 to 23)
Martinez,T.R.
3 blocked nucleic acid amplification
Patent: US 6509157-A 3 21-JAN-2003;
                                                                                                                                                                                                                                                                                                         Method for genetic typing Patent: US 6503707-A 4 07-JA Location/Qualifiers
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Baxter-Lowe, L.A.
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81.8%; Pred. No. 1.60
vative 0; Mismatches
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Sequence 2204 from Patent
AX274635
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Loci for idiopathic generalized epilepsy, mutations thereof and method using same to assess, diagnose, prognose or treat epilepsy Patent: WO 0138564-A 380 31-MAY-2001; McGill University (CA)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 380 from Patent AX164550 AX164550.1 GI:14545484
                                                                                                                               Method and reagent for the inhibition of grid Patent: WO 0162911-A 2204 30-AUG-2001; RIBOZYME HARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED Location/Qualifiers
                                                                                                                                                                                                   Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., Hamblin,P.A. and
Ellis,J.H.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="genomic DNA"
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/mb xref="taxon:32630"
/noTe="synthetic oligonucleotide"
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SOURCE
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BD104327/c
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AX429382/c
                                                                                                                                                                                                                                                                                                                                    TITLE
JOURNAL
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Best Local Similarity 81.8%;
Matches 18; Conservative
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PD 06-DB
PF 01-JI
PF 01-JI
PR 11-JI
PR 11-JI
PI HIDET
SHOGO
PC C12QQ
CC Descript
CC Descript
FH Key
FT Source
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Sequence 28 from Patent W00234953
AX429382
                                                                                                                                                                                                                                                                                                   Kit and method for determining HLA type
Patent: WO 0192572-A 431 06-DEC-2001;
NISSHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TI
KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO
                                                                                                                                                                                                                                                                                                                                                                                                                                                               BD104327.1 GI:22649901
WO 0192572-A/431.
                                                                                                                                                                                                                                                                                        NISHIDA
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                                                                                                                                                                                                                                                                                                                                                                   Nishida, M.
                                                                                                                                                                                                                                                                                                                                                                                 Inoko, H., Kagiya, T., Ichihara, T., Matsumura, Y., Moriya, S. and
                                                                                                                                                                                                                                                                                                                                                                                                artificial sequences.
1 (bases 1 to 23)
                                                                                                                                                                                                                                                                                                                                                                                                                                 synthetic construct
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                                                                                                         SHOGO MORIYA, MICHIO NISHIDA
C12Q1/68, C12M1/00, C12N15/09, G01N33/53
Description of Artificial Sequence: primer
Key Location/Qualifiers
                                                                                                                                                                                        01-JUN-2001 WO 2001JP004662
01-JUN-2000 JP 00P 164798
HIDETOSHI INOKO,TAEKO KAGIYA,TATSUO ICHIHARA,YOSHIYUKI
                                                                                                                                                                                                                                                       Artificial Sequence
WO 0192572-A/431
                                                                 /organism='Artificial Sequence'
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol type="unassigned DNA"
/db xref="taxon:32630"
/noTe="Primer"
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Pred. No. 1.6e+03;
0; Mismatches 4;
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BD104333/c
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BD183219/c
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Best Local
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                               JOURNAL
                                                          TITLE
                                                                       AUTHORS
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Rit and method for determining HLA type

Patent: WO 0192572-A 437 06-DEC-2001;

NISSHINBO INDUSTRIES INC, SYSTEM RESEARCH INC, HIDETOSHI INOKO, TAEKO

KAGIYA, TATSUO ICHIHARA, YOSHIYUKI MATSUMURA, SHOGO MORIYA, MICHIO

NISHIDA

S Artificial Sequence

PN WO 0192572-A/437

PD 06-DEC-2001

PD 06-DEC-2001

PD 06-DEC-2001

PD 06-DEC-2001

PO 01-JUN-2000 JP 00P 164798

PI HIDETOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI PI

MATSUMURA,

PI SHOGO MORIYA, MICHIO NISHIDA

PC C12Q1/68,C12M1/00,C12M15/09,G01M33/53

CC Description of Artificial Sequence:

PH KEY

LOCATION JUN-2001

JORGANISM - Artificial Sequence'.
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                                                                                                                                                                                                   BD183219
A method for color sense
Patent: JP 2002363107-A 12 18-DEC-2002;
NORIYUKI AZUMA,HIROSHI HANDA, CENTRAL I
ANIMALS
                                                       synthetic construct artificial sequences.

1 (bases 1 to 23)

Azuma, N., Handa, H., Yamaguchi, Y. and Ito, M. A method for color sense restoration of col
                                                                                                                                           BD183219.1 GI:31875419
JP 2002363107-A/12.
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1 (bases 1 to 23)

Inoko,H., Kagiya,T., Ichihara,T.,
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llarity 81.8%;
Conservative
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 1.6e+03;
0; Mismatches 4
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                FOR
              EXPERIMENTAL
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BD196846
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PC C12N15/00,C12N5/00,
C12N15/00,C12N5/00,C12N15/00
TC C12N5/00,C12N15/00
TC C12N5/00,C12N15/00
TC C12N5/00,C12N15/00
TC C12N5/00,C12N15/00
TC C12N5/00,C12N15/00
TC C12N15/00,C12N15/00
TC C12N15/00
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3959 ATGTTTCAATATTTCTTAACTG 3980
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Eukaryola; Metazoa; Chordata; C: Mammalia; Eutheria; Primates; C: 1 (bases 1 to 23)
Cohen,D., Blumenfeld,M., Chumake Prostatic cancer gene Patent: JP 2002516657-A 435 11-1
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PN JP 2002363107-A/12
PD 18-DEC-2002
PF 04-JUN-2001 JP 2001168376
PI NORIYUKI AZUMA, HIROSHI HANDA, YUKI YAMAGUCHI, MAMORU ITO PC A61K48/00, A01K67/027, A61K35/76, A61K38/00, A61P27/02, A61P43/00//
C12N15/09,
PC A61K37/02, C12N15/00
CC Description of Artificial Sequence: forward primer for PCF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OS Homo sapiens (human)

PN JP 2002516657-A/435

PD 11-JUN-2002

PD 22-DEC-1998 UP 2000525562

PF 22-DEC-1997 US 08/996306,09-SEP-1998 US 60/099658 P

DANIEL COHEN, MARTA BLUMENFELD, ILYA CHUMAKOV, LYDIE BOUGUELERET

C12N15/09,C12N15/09,A01K67/027,C07K14/47,C07K16/18,C12N1/15, P
                                                                           18;
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JP 2002516657-A/435.
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BD196846
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Similarity 81.8%;
                                                                                                       Similarity
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                         /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                    Location/Qualifiers
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                                                                                                    Score 15.6; DB 1
Pred. No. 1.6e+03
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Pred. No. 1.6e+03
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Catarrhini; Hominidae;
                                                                                                                                       DB 1;
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BOUGUELERET PC
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                                                                           <u>,,</u>
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                                                                ORGANISM
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                                                                                                                                                                                                                                                                                                                                                                 4410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Submitted (21.NOV-2002) Balzergue S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE
PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at http://dbsgap.versailles.inra.fr/publiclines/. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (http://www.genoplante.com and http://genoplante-info.infobiogen.fr).
                                                                                                                                                                 DOGC00802D 23 bp DNA linear Canis familiaris STS microsatellite marker (repeat reference clone (GT)12) DNA, sequence tagged site.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Chauvin,S., Bechtold,N., Cruaud,C., DeRose,R., Pelletier,G., Lepiniec,L., Caboche,M. and Lecharny,A.
T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    left border; T-DNA flanking sequence.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
                                                             Canis familiaris (dog)
Canis familiaris
                                                                                                          STS;
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                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Arabidopsis thaliana T-DNA
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    (Bites)
                                                                                                       PCR identification;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /note="T-DNA flanking sequence
left border"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="Arabidopsis thaliana"
/mol_type="genomic DNA"
/cultiva="Wassillewskija"
/db_xref="taxon:3702"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /clone_lib="Arabidopsis thaliana T-DNA insertion
                                                                                                                              GI:1261678
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                                                                                                                                                                                                                                                                                                                                                                                                                           0.2%;
81.8%;
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Pred. No. 1.
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                                                                                                       microsatellite;
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left border, clone
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                                                                                                                                                                                                                                                                                                                                                                                                Means and methods for identifying genes and proteins involved
the prevention and/or repair of a replication error
Patent: WO 02095071-A 31 28-NOV-2002;
Koninklijke Nederlandse Akademie van Wetenschappen (NL)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 31 from AX708815
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Original source text: Canis familiaris (clone library: Vilma Yuzbasiyan-Gurkan in plasmid pSK+) female adult peripheral blood
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               synthetic construct synthetic construct
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Unknown
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                                                         46 from patent
                                                                                                                                                                                                                                                                          /noTe="sequence to demonstrate the principle of how to detect somatic repeat instability-\#N\# stands for any number of nucleotides selected from A, C, T or G#"
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/tissue_type="peripheral_blood"
/clone_Tib="Vilma_Yuzbasiyan-Gurkan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="Canis familiaris"
/mol type="genomic DNA"
/db_xref="taxon:9615"
/sex="female"
                                                                                                                                                                                                                                                                                                                        organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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AR026545
                                                                                                   1 (bases 1 to 24)
Gray, D.M. and Clark, C.L.
Method for selectively ranking sequences
Patent: US 5856103-A 8 05-JAN-1999;
Location/Qualifiers
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                                l Similarity
18; Conserv
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Schmidt, F.J., Cho, B. and Nicholas, H.B. J
Method for obtaining RNA aptamers based
Patent: US 5792613-A 1 11-AUG-1998;
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Johnson, E.M. and Bergemann, A.D.
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TCTCTCTTTGCCTCACTCTCTC
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llarity 81.8%;
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Location/Qualifiers
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                                                                       /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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                               Score 15.6; I
Pred. No. 1.7e
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AR090773/c
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AR034768
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Best Local Similarity 81.8%;
Matches 18; Conservative
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Sequence
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Unclassified.

1 (bases 1 to 24)
Chenchik, A., Jokhadze, G. and Bibilashvilli, R. Methods of assaying differential expression Patent: US 5994076-A 893 30-NOV-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 24)
Gray, D.M. and Clark, C.L.
Method for selectively ranking sequences
Patent: US 5856103-A 11 05-JAN-1999;
Location/Qualifiers
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Johnson, E.M. and Bergemann, A.D.
Monoclonal antibodies to the pur protein
Patent: US 5869622-A 46 09-FEB-1999;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                    /organism="unknown"
/mol_type="unassigned DNA"
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                                                                                                GI:10017528
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81.8%; Pred. No. 1.7e+03;
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                                                                                                                                                               1 (bases 1 to 24)
Gray, D.M. and Clark, C.L.
Apparatus and method for selectively ranking sequences
antisense targeting
Patent: US 6183966-A 8 06-FEB-2001;
Location/Qualifiers
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Sequence
AR093105
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                                                                                                                                                                                                                                                     Unknown.
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AR128993
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Korsmeyer, S.J.
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                                                                                                                                   /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 1.7e+03;
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Pred. No. 1.7e+03;
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Pred. No. 1.7e+03;
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Best Local Similarity 81.8%;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

El (bases 1 to 24)

El (bases 1 to 24)

Reid,L.M., Kubota,H. and Moss,N.

Human liver progenitors
Patent: JP 2002534974-A 9 22-OCT-2002;
UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

OS Homo sapiens (human)
PN 19-02534974-A/9
PD 22-OCT-2002
PF 19-JAN-1900 JP 200594906
PF 19-JAN-1999 US 60/116331
PR 19-JAN-1999 US 60/116331
PR 19-JAN-1999 US 60/116331
PR 19-JAN-1999 US 60/116331
PR 10-JAN-1999 US 60/116331
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1 (bases 1 to 24)

1 (bases 1 to 24)

Gray, D.M. and Clark, C.L.

Apparatus and method for selectively ranking sequences antisense targeting

Patent: US 6183966-A 9 06-FEB-2001;

Location/Qualifiers
22
                                                                                                                                                                                                                              Human
FH K
FT E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        BD243276.1 GI:33053046 JP 2002534974-A/9.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Human liver progenitors
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                                                                    Conservative
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                                                                                                                                                                                                                                                                                liver progenitors
                                                                                                                                      /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                      /organism='Homo sapiens (human)'.
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/mol_type="unassigned DNA"
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                                                                Score 15.6; DB 1.
Pred. No. 1.7e+03;
0; Mismatches
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1 (bases 1 to 24)

Johnson, E.M. and Bergmann, A.D.

Cloning and expression of pur protein

Patent: US 594551-A 11 13-AUG-1996;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence
124748
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168919
1 (bases 1 to 24)
Shimamoto,A., Kitao,S. and Furuichi,Y.
Human gene RecQ4 encoding helicase
Patent: US 6335435-A 8 01-JAN-2002;
Location/Qualifiers
                                                                                                                     Sequence 8
AR181885
                                                                                                                                                                                                                                                                                                                                                                                         Unclassified.

1 (bases 1 to 24)

1 (bases 1 to 24)

Bauer, S. Christopher., Abrams, M. Allen., Braford-Goldber

Caparon, M. Helena., Easton, A. Michael., Klein, B. Kure.,

McKearn, J. Patrick., Olins, P., Paik, K., Polazzi, J. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      w
                                                              Unclassified.
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                /mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                                             organism="unknown"
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Pred. No. 1.
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Pred. No. 1.7e+03;
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AR197808/c
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AR197808
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Gray, D.M. and Hashem, G.M.
Conversion of a watson-crick DNA to
Patent: US 6362322-A 1 26-MAR-2002;
                                                                                                                                                                                                                                                                                                                        Sequence 1
AR202467
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 24)
Chenchik,A., Jokhadze,G. and Bibilashvilli,1
Methods of assaying differential expression
Patent: US 6352829-A 893 05-MAR-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                        Unknown
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/mol_type="unassigned
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/mol_type="unassigned
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                                                                                                                              Score 15.6; DB 1;
Pred. No. 1.7e+03;
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Pred. No. 1.7e+03;
0; Mismatches 4;
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Gray, D.M. and Hashem, G.M.
Conversion of a watson-crick DNA to a
Patent: US 6362322-A 2 26-MAR-2002;
Location/Qualifiers
                                                               1 (bases 1 to 24)
Gray, D.M. and Hashem, G.M.
Conversion of a watson-crick DNA to
Patent: US 6362322-A 4 26-MAR-2002;
Location/Qualifiers
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18; Conserv
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Gray, D.M. and Hashem, G.M.
Conversion of a watson-crick DNA to
Patent: US 6362322-A 3 26-MAR-2002;
Location/Qualifiers
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AR202470
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Pred. No. 1.7e
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AR202471
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AR208992
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Gray, D.M. and Hashem, G.M.
Conversion of a watson-crick DNA to a Patent: US 6362322-A 6 26-MAR-2002;
Location/Qualifiers
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Sequence
AR202472
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Gray, D.M. and Hashem, G.M.
Conversion of a watson-crick DNA to a
Patent: US 6362322-A 5 26-MAR-2002;
Location/Qualifiers
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/mol_type="unassigned
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Metabotropic glutamate receptor 4 nucleic
Patent: US 6384205-A 22 07-MAY-2002;
Location/Qualifiers
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AR253517
AR253517.1 GI:27301945
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Shimamoto, A., Kitao, S. and Furuichi, Y.
Human gene RecQ4 encoding helicase
Patent: US 6472513-A 8 29-OCT-2002;
Location/Qualifiers
                                                                                                                       1 (bases 1 to 24)
Bauer, S.C., Abrams, M.A., Braford-Goldberg, S.R., Caparon, M.H.,
Easton, A.M., Klein, B.K., McKearn, J.P., Olins, P., Paik, K.,
Polazzi, J. and Thomas, J.W.
Methode sof using interleukin-3 (IL-3) mutant polypeptides for
ex-vivo expansion of hematopoietic stem cells
Patent: US 6479261-A 187, 12-NOV-2002;
                                                                                                                                                                                                            Unknown.
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/mol_type="genomic DNA"
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1 (bases 1 to 24)
Chenchik,A., Jokhadze,G. and Bibilashvilli,R. Methods of assaying differential expression Patent: US 6489455-A 893 03-DEC-2002;
            Rattus sp.
                                                                                                                                                                                                                                                                                                  LIG polypeptides of the triacylglycerol lipase family, and compositions and methods for their use in enzymatic hydroly protein and gene therapies patent: US 6395530-A 24 28-MAY-2002;
                                                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 24)
Jaye, M.C., Doan, K.-A.T., Krawiec, J.A., Lynch, K.J., Amin, D.V.
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                       Rattus sp
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llarity 81.8%;
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/mol_type="genomic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Location/Qualifiers
                                                                                                                                                                                                                                                /mol_type="unassigned DNA"
                                                                                                                                                                                                                                                           organism="unknown"
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Metazoa; Chordata; Craniata; Vertebrata;
                                                                                                                                                                                                                                                                                                                                                                                                                                                               from patent US 6395530.
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Pred. No. 1.7e+03
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Pred. No. 1.7e+03;
0; Mismatches 4
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AX108746/c
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Local Similarity 40.9%;
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Sequence
AX108746
Reinl,S.J., Lindbo,J.A. and Turpen,T.
Creation of variable length and sequence linker
dual-domain or multi-domain molecules
Patent: WO 0123543-A 51 05-APR-2001;
Large Scale Biology Corporation (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                              Reinl, S.J., Lindbo, J.A. and Turpen, T. Creation of variable length and sequence dual-domain or multi-domain molecules Patent: WO 0123543-A 50 05-Apr-2001; Large Scale Biology Corporation (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Giros,B., Gasnier,B., Sagne,C., el Mestikawy,S. and Hamon,M. Polypeptides, vesicular carriers of glutamate and gaba Patent: WO 0071709-A 18 30-NOV-2000, INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE; (INSERM)
                                                                                                             synthetic construct synthetic construct
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AX108747
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50 from Patent WO0123543.
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned |
/db_xref="taxon:10118"
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12; Mismatches 1;
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AX137661/c
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AX164502
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Location/Qualifiers
                                                                                                                                              method using same to assess, diagnose, prognose Patent: WO 0138564-A 332 31-MAY-2001; McGill University (CA)
Location/Qualifiers
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Sequence 5 from Patent EP1076096
AX137661
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332 from Patent WO0138564.
                                                              /organism="synthetic construct"
/mol_type="unassigned_DNA"
/db_xref="taxon:32630"
/noTe="synthetic_oligonucleotid
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/mol_type="unassigned DNA"
/db xref="taxon.32630"
/noTe="Synthetic DNA"
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/db_xref="taxon:32630"
/note="primer"
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Score 15.6; DB 1;
Pred. No. 1.7e+03;
0; Mismatches 4;
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AX184069
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Best Local :
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AX184069
AX250394 24 bp
Sequence 62 from Patent WO0168682.
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                                                                                                                                                                                                                                                                             Patent: WO 0168682-A 61 20-SEP-2001;
Large Scale Biology Corporation (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                      Reinl, S.J. and Turpen, T.H. Self antigen vaccines for treating b cell lymphomas and other
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH Biotherapeutics Corporation (CA)
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Patent: WO 0142511-A 1822 14-JUN-2001;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/db_xref="taxon:9606"
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40.9%; Pred. No. 1.7e+03;
tive 12; Mismatches 1;
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Pred. No. 1.7e+03;
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Large Scale Biology Corporation (US)
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                                                           Conservative
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                                                    /note="n stands for inverted deoxyabasic derivative"
                                                                                                                                                                                                         note="Phosphorothioate 3'-Internucleotide Linkage"
                                                                                                                                                                                                                                                                                                  /note="Enzymatic Nucleic Acid'
                                                                                                                                                                                                                                                                                                                  /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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RESULT 1497

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AX539010
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AX539010
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Sequence 3469 from Patent
AX447014
AX447014.1 GI:21695913
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                    synthetic construct synthetic construct artificial sequences.
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Patent: WO 0216649-A 3469 28-FEB-2002;
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Patent: WO 0216649-A 1132 28-FEB-2002;
Pancoska, P.,
                                                                      AX539010.1 GI:25271836
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                                                                                            26 from Patent
                                                                                                                                                                                                                                                          /organism="synthetic construct"
/mol_type="unassigned DNA"
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/note="Computer Generated Probe Sequence."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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location/Qualifiers
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Janota, V., Benight, A.S.,
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Pred. No. 1.7e+03;
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Pred. No. 1.7e+03;
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Bullock, R.S.,
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Riccelli, P.V.,
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Sequence
AX601138
                                                                                         Plant transcriptional repressor, proteic thereto, and uses thereof Patent: WO 03006659-A 10 23-JAN-2003; UNIVERSITE DE MONTREAL (CA)
                                                                                                                                                                                                                    synthetic construct
synthetic construct
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Patent: WO 02092851-A 233 21-NOV-2002;
ANIMAL HEALTH TRUST (GB); The British
Location/Qualifiers
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Patent: WO 02059354-A 26 01-AUG-2002;
TM Bioscience Corporation (CA)
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Polynucleotides for use as tags and tag complements, manufacture
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Similarity 81.8%;
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233 from Patent WO02092851.
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/db xref="taxon:32630"
/noTe="Primer"
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/db xref="taxon: 25630"
/noEe="Artificially Synthesized DNA Sequence"
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Pred. No. 1.7e+03;
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4259 CTCCCTCCTCTGCACTGTCCTG 4280
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Sequence 187 from Patent
AX696570
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Sequence 379 from Patent
AX697311
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                                                                                                                            Genentech Inc. (US)
Location/Qualifiers
                                                                                                                                                                                              Ferrara, N., Stewart, T.A., Williams, P.M., Baker, K.P., Desnoyers, L., Eaton, D.L., Gao, W.Q., Pan, J., Botstein, D., Fong, S., Goddard, A., Godwski, P.J., Gurney, A.L., Smith, V., Tumas, D., Wood, W.I., Grimaldi, C.J., Hillan, K.J., Paoni, N.F., Roy, M.A. and Watanabe, C.K.
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Easton, A.M., Klein, B.K., Mckearn, J.P., Olins, P.O.,
Polazzi, J.O. and Thomas, J.W.
Interleukin-3 (i1-3) mutant polypeptides
Patent: EP 1283264-A 187 12-FEB-2003;
G.D. SEARLE & CO. (US)
                                                                                                                                                         Patent: WO 0078961-A 379 28-DEC-2000;
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                         Conservative
                                                                           /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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O., Paik,K.,
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AX699202/c
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AX709438
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24 bp
Sequence 17 from Patent WO02072806.
AX709438
AX709438.1 GI:29564909
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Sequence 31 from Patent W002101045.
AX708849
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synthetic construct
artificial sequences
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Sequence 143 from Patent WO03000727.
AX699202
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Similarity 81.8%;
18; Conservative
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                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                      /organism="synthetic construct"
/mol_type="unassigned DNA"
/mol_type="taxon:32630"
/db xref="taxon:32630"
/noTe="Oligonucleotide primer"
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/db_xref="taxon:32630"
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Pred. No. 1.7e+03;
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BD009929.1 GI:18638302
JP 2001502894-A/17.
unidentified
unidentified
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Sequence 120 from Patent
AX713234
AX713234.1 GI:29823823
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patent: WO 02072806-A 17 19-SEP-2002; 
Max-Planck-Gesellschaft zur Foerderung der 
Koller, Klaus-Peter (DE) ; Lange, Gudrun
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synthetic construct
artificial sequences.
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Korsmeyer, S.J.

BH3 interacting domain death agonist

Patent: JP 2001502894-A 17 06-MAR-2001;
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BH3 interacting domain death
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                                                           unclassified
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Similarity 81.8%;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 1.7e+03;
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                                                                                                                                                             PAT 31-JAN-2002
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BD013675/c
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                                Query Match
Best Local Similarity
Matches 18; Conserv
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Best Local Similarity 81.8%;
Matches 18; Conservative
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    3788
                                                                                                                                                                                                                                                                                                                                                                                                synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 24)
Koizumi, S., Nagano, H., Endo, T., Tabata, K
Process for producing GDP-fucose
Patent: JP 2001112488-A 5 24-APR-2001;
KYOWA HAKKO KOGYO CO LTD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                645 CCTGGTCAGCGGCCAGATCCCT 666
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OS Unidentifies
PN JP 20015028
PD 06-MAR-2001
PF 09-SEP-1997
PR STANLEY J KE
PC C07H21/02,C
G01N33/53,
PC A61K38/00,A
CC Strandedness
CC Topology: L
FH Key
FT SOURCE
FT
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                                                                                                                                                                                                               AKIO OZAKI

PC C12N15/09,C12N1/21,C12P19/32//(C12N15/09,C12R1:15),(C12N1/21,PC C12R1:15))

PC C12R1:15)

PC (C12N1/21,C12R1:19),(C12P19/32,C12R1:15),(C12P19/32,C12R1:19),PC C12N15/00,

PC C12N15/00,C12R1:15)

PC (C12N15/00,C12R1:15)

PC (C12N15/00,C12R1:15)
                                                                                                                                                                                                                                                                                                                                        PR OS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Process for producing GDP-fucose.
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CTTTCAAACATGACAAGTCTCG 3809
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                                0.2%;
nilarity 81.8%;
Conservative
                                                                                                                                                                                                                                                                                                                         09-AUG-2000 JP 2000241113
SATOSHI KOIZUMI, HIROSHI N
                                                                                                                                                                                                                                                                                                                                                                     Artificial Sequence JP 2001112488-A/5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              09-SEP-1997 JP 1998512987
09-SEP-1996 US 08/706741
STANLEY J KORSMYER
C07H21/02,C07H21/04,C07K14/00,C07K16/00,C12N5/00,C12Q1/68,
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JP 2001502894-A/17
06-MAR-2001
                                                                                                                                                                                       Bource
                                                                                                                                                                                               Description of Artificial Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Strandedness: Single;
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                                                                                                                                                                                                                                                                                                                                                         4-APR-200
                                                                                       /organism="synthetic construct'
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                     /organism='Artificial Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism='Unidentified'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 1.7e.
0; Mismatches
                                Score 15.6; DB 1
Pred. No. 1.7e+03
0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                              Tabata, K.
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                                                              Length
                                    Indels
                                                                                                                                                                      Sequence'
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BD096155/c
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BD064541
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Best Local
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TABATA, AKIO OZAKI
OS Artificial Seq
PN WO 0146400-A/22
PD 28-JUN-2001
PF 20-DEC-2000 WO
PR 21-DEC-1999 JP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PN JP 20015
PD 08-MAY-2
PF 05-DEC-1
PR 06-DEC-1
PR 06-DEC-1
PR 104-DEC-1
PR 104-DEC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LLG polypeptide belonging to compositions, method of using
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Viruses; dsDNA viruses, no RNA stage; Poxviridae; Chordopoxvirinae;
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                                                                                                                                                                                                                            Endo, T., Koizumi, S., Tabata, K. and Ozaki, A. Improved alpha 1,2-fucosyltransferase gene, production of alpha 1,2-fucosyltransferase and fucosylated oligosaccharides Patent: WO 0146400-A 22 28-JUN-2001;
                                                                                                                                                                                                                                                                                                                                                                                  synthetic construct
synthetic construct
artificial sequences.
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                                                                                                                                                                                              KYOWA HAKKO KOGYO CO LTD, TETSUO ENDO, SATOSHI KOIZUMI, KAZUHIKO
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08-DEC-1997 JP 1998525822
05-DEC-1996 US 60/032254,06-DEC-1996 US 60/032783 F
06-DEC-1996 US 60/032254,06-DEC-1996 US 60/032783 F
AEL C JAYE,KIM ANH THI DOAN,JOHN A KRAWIEC,KEVIN J LYNCH,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             VICTORIA J SOUTH
C12N9/20,C12N15/52,C07K16/40,A61K38/46
Strandedness: Single;
Topology: Linear;
/desc='Oligonucleotide'
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   28-JUN-2001
20-DEC-2000 WO 2000JP009033
21-DEC-1999 JP 99P 362243
                                                                                             Artificial Sequence
WO 0146400-A/22
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/mol_type="genomic DNA"
/db_xref="taxon:10245"
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Pred. No. 1.7e+03;
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ACCESSION
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RESULT 1513
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BD102621/c
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Best Local Sim
Matches 18;
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Best Local
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                                                                                                                                                                                                                    18;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PI TETSUO ENDO, SATOSHI KOIZUMI, KAZUHIKO TABATA, AKIO OZAKI PC C12N15/09, C12N1/21, C12N9/10, C12P19/18//(C12N1/21, C12R1:19) CC Description of Artificial Sequence: Synthetic DNA FH Key Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 24)
Endo, T. and Koizumi, S.
Endo, T. and Koizumi, S.
Alpha-1,2-fucosyltransferase and process for fucose-containing complex carbohydrate patent: WO 0177313-A 8 18-OCT-2001;
KYOWA HAKKO KOGYO CO LTD, TETSUO ENDO, SATOSHI OS Artificial Sequence
PN WO 0177313-A/8
                            Ligand for GPR8 and its
BD102717
BD102717.1 GI:22648291
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synthetic construct
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                   WO 0198494-A/26.
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11-APR-2001 WO 2001JP003109

11-APR-2000 JP 00P 109148

TETSUO ENDO, SATOSHI KOIZUMI

C12N15/09, C12N9/10, C12P19/18//(C12N15/09, C12R1:01), (C12N15/09, C12R1:15)
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Location/Qualifiers
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/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Ligand for GPR8 and its DNA
Ligand for GPR8 and its DNA
AL Patent: WO 0198494-A 26 27-DEC-2001;
TAKEDA CHEMICAL INDUSTRIES LTD, WASAAKI MORI, YUKIO SHIMOMURA, MIOKO HARADA, MIKA KURIHARA, CHIEKO KITADA, TAIJI ASAMI, YOSHIO MATSUMOTO, YUKA ADACHI, TAKUYA WATANABE, TSUKASA SUGO, MICHIKO ABE
OS Artificial Sequence
PN WO 0198494-A/26
PD 27-DEC-2001
PF 20-JUN-2001 MO 2001JP005257
PR 21-JUN-2000 JP 00P 191089, 06-SEP-2000 JP 00P 275013 PR
13-APR-2001 JP 01P 116000
PI MASAAKI MORI, YUKIO SHIMOMURA, MIOKO HARADA, MIKA KURIHARA, CHIEKO
                                                                         artificial sequences.

1 (bases 1 to 24)

E 1 (bases 1 to 24)

E 2 (bases 1 to 24)

E 3 (bases 1 to 24)

E 3 (bases 1 to 24)

E 4 (bases 1 to 24)

E 5 (bases 1 to 24)

Foran, Y., Shintani, Y., Harada, M., Shimomura, Y. and Mori, M.

Novel G protein-coupled receptor and its DNA

L Patent: WO 0244368-A 29 06-JUN-2002;

TAKEDA CHEMICAL INDUSTRIES LTD, YASUKO TERAO, YASUSHI SHINTANI, MIO

HARADA, YUKIO SHIMOMURA, MASAAKI MORI

OS Artificial Sequence

PN WO 0244368-A/29

PO 06-JUN-2002

PP 06-JUN-2001

PP 29-NOV-2001 WO 2001JP010418

PR 30-NOV-2001 WO 2001JP010418

PR 30-NOV-2000 JP 00P 354801, 26-MAR-2001 JP 01P 087482 PR

15-MAY-2001 JP 01P 145434, 06-SEP-2001 JP 01P 087482 PR

15-MAY-2001 JP 01P 145434, 06-SEP-2001 JP 01P 087482 PR

15-MAY-2001 JP 01P 145434, 06-SEP-2001 JP 01P 087482 PR

15-MAY-2001 JP 01P 145434, 06-SEP-2001 JP 01P 087482 PR
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PC C12P21/02,C12P21/08,A61K31/711,A61K38/17,A01K67/027,A61P1/14,

PC A61P3/04

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PT Source /organism='Artificial Sequence'.
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WO 0244368-A/29.
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KASA SUGO,
                     C12N15/12, C07K14/705, C07K16/28, C12P21/02, C12Q1/68, A61K45/00, A61P25/00,
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C12N15/12,C07K14/47,C12N1/21,C07K16/18,G01N33/53,G01N33/50,
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A61P29/00,A61P9/00,A61P35/00,A61P3/00,A61P37/02,A61P1/00 CC
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 1.7e+03;
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A63569/c
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                                              unidentified
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Patent: WO 02093161-A 26 21-NOV-2002;
TAKEDA CHEMICAL INDUSTRIES LTD, MASAAKI MORI, YUKIO SHIMOMURA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 24)
 Scaggiante, B. and Quadrifoglio, F.
A CLASS OF OLIGONUCLECTIDES, THERAPEUTICALLY USEFUL
                                                                               A63569.1
                                                                                          Sequence 10 from A63569
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mori, M., Shimomura, Y. and Goto, M.
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WO 02093161-A/26.
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BD182467
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WO 02093161-A/26
21-NOV-2002
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15-MAY-2001 JP 01P 145411
MASAAKI MORI,YUKIO SHIMOMURA,MIKA
                                                                                                                                                                                                                    Conservative
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 1.7e+03;
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Pred. No. 1.7e+03;
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Other publication AU 1175497 19970627.
Location/Qualifiers
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Kurane,R., Kanagawa,T., Kamagata,Y., Kurata,S.,
Yokomaku,T., Koyama,O. and Furusho,K.

Method for determining a concentration of target
molecules, nucleic acid probes for the method, a
analyzing data obtained by the method
Patent: US 6492121_A 5 10-DEC-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 5
AR264921
                                        Method for determining a concentration of target nucleic acid molecules, nucleic acid probes for the method, and method for analyzing data obtained by the method Patent: US 6492121-A 6 10-DBC-2002;
                                                                                                                                                                                                                          AR264922
Sequence 6 from
AR264922
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SAICOM S R L (IT)
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                                                                                                             1 (bases 1 to 30)
Kurane, R., Kanagawa, T., Kamagata, Y.,
Yokomaku, T., Koyama, O. and Furusho, K.
                                                                                                                                                                      Unknown
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/organism="unknown"
/mol_type="genomic DNA"
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Pred. No. 2.2e+03;
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AR264923
                                 PI KAZUTAKA
PC C12Q1/68
G01N33/566,
                                                                                                                                                                                                                                                                                                                                                                                                                          Method for assaying nucleic acid, nucleic and method for analyzing data obtained by BD072866
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Kurane, Kanagawa, T., Kamagata, Y., Kurata, S., Yamada, K., Yokomaku, T., Koyamwa, O. and Furusho, K.
Yokomaku, T., Koyamwa, O. and Furusho, K.
Method for determining a concentration of target nucleic acid molecules, nucleic acid probes for the method, and method for analyzing data obtained by the method
Patent: US 6492121-A 7 10-DEC-2002;
                                                                                                                                                                                  artificial sequences.

1 (bases 1 to 30)

Kurane, R., Kanekwa, T., Kamagata, Y., Kurata, S., Yamada, K.,

Kurane, R., Kanekwa, T., and Furusho, K.

Yokomaku, T., Koyama, O. and Furusho, K.

Method for assaying nucleic acid, nucleic acid probe used there
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JAPAN BIO INDUSTRY ASSOCIATION, KANKYO ENG KK, DIRECTOR GENERAL

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND MINISTRY

AGRICULTURE FORESTRY AND FISHERIES, TECHNOLOGY
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                                               KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU, OSAMU KOYAMA, KENTA FURUSHO C12Q1/68, C12M1/00, C12N15/09, G01N31/22, G01N33/53, G01N33/542, PC
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The base sequence was prepared synthetically on the aim of
                                                                                                    RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAMAGATA, SHINYA
                                                                                                                    16-OCT-2001
20-APR-2000 JP 2000120097
                                                                                                                                                      Artificial Sequence
JP 2001286300-A/4
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decrease in fluorescence emission of a nucleic acid probe

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BD072867/c
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2E 1 (bases 1 to 30)

3S Kurane, R., Kanekawa, T., Kamagata, Y., Kurata, S., Yamada, K.,

Yokomaku, T., Koyama, O. and Furusho, K.

Method for assaying nucleic acid, nucleic acid probe used therefor,

and method for analyzing data obtained by that method

Patent: JP 2001286300-A 5 16-OCT-2001;

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ANTIONAL INSTITUTE OF ADVANCED INDUSTRAL SCIENCE AND MINISTRY OF

AGRICULTURE FORESTRY AND FISHERIES, TECHNOLOGY

OS Artificial Sequence

PN 2001286300-A/5

PD 16-OCT-2001 JP 2000120097

PF 20-APR-2000 JP 2000120097

PF 20-APR-2000 JP 2000120097

PF 20-APR-2000 JP 2000120097

PF 20-APR-2000 JP 2000120097

PF RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAMAGATA, SHINYA PI

KURATA,

PI KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU, OSAMU KOYAMA, KENTA FURUSHO

PC C1201/68, C12M1/00, C12N15/09, G01N31/22, G01N33/53, G01N33/542, PC

G01N33/566,

PC C12N15/00

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BODIBY FL/C6 upon the hybridization of the
e with a target
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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PN JP 2001286300-A/7
PD 16-OCT-2001
PF 20-APR-2000 JP 2000120097
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JAPAN BIO INDUSTRY ASSOCIATION,KANKYO ENG KK, DIRECTOR GENERAL NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND MINISTRY
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Method for assaying nucleic acid, nucleic acid probe used therefor,
and method for analyzing data obtained by that method.
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Similarity 70.0%;
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20-APR-2000 JP 2000120097
RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAMAGATA, SHINYA
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/mol_type="genomic DNA"
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PC C12N15/09,C12M1/00,C12M1/34,C12Q1/68,C12N15/00
sequence was prepared synthetically on the aim of C
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PC C12N15/09,C12M1/00,C12M1/34,C12Q1/68,C12N15/00
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27-JUN-2000 JP 2000193133
RYUICHIRO KURANE, TAKAHIRO KANEKAWA, YOICHI KAMAGATA, SHINYA
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RYUICHIRO KURANE,TAKAHIRO KANEKAWA,YOICHI KAMAGATA,SHINYA
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PC C12N15/09, C12M1/00, C12M1/34, C12Q1/68, C12N15/00
sequence was prepared synthetically on the aim of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Novel quantitative polymorphism analysis method Patent: JP 2002000275-A 5 08-JAN-2002; JAPAN BIO INDUSTRY ASSOCIATION, KANKYO ENG KK, A
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Novel quantitative polymorphism analysis method.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    artificial sequences.
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21; Conservative
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Key
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                                                                                                                                                                                                                                                                                                                                                                            Artificial Sequence
JP 2002000275-A/5
08-JAN-2002
27-JUN-2000 JP 2000193133
RYUICHIRO KURANE,TAKAHIRO KANEKAWA,YOICHI KAMAGATA,SHINYA
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llarity 70.0%;
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
/db_xref="taxon;32630"
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                                                    Score 15.6; DB 1;
Pred. No. 2.2e+03;
0; Mismatches 9
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Pred. No. 2.2e+03;
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BD145025 Method for

30 bp assaying nucleic acid,

DNA linear P nucleic acid probe

PAT 17-JAN-2003

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ACCESSION
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PD 23-APR-2001 P2001133529
PF 27-APR-2001 JP 2001133529
PF RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI PI TORIMURA, FORIMURA, KAZUTAKA YAMADA, TOYOKAZU YOKOMAKU PC C11M15/09,C12M15/09,C12M1/00,C12Q1/68,G01N1/28,G01N1/28,G01N3/56,G01N3/58,G01N37/00,G06F17/10,C12N15/00,C12N15/00,PC G01N1/28
PC G01N1/28
PC G01N1/28
CC The base sequence was prepared synthetically on the aim of CC
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artificial sequences.

1 (bases 1 to 30)

1 (bases 1 to 30)

Kurane, R., Kanagawa, T., Kamagata, Y., Torimura, M., Kurata, S., Yamada, K. and Yokomaku, T.

Method for assaying nucleic acid, nucleic acid probe used therefor, Method for analyzing data obtained by that method and method for analyzing data obtained by that method Patent: JP 2002119291-A 7 23-APR-2002;

JAPAN BIOINDUSTRY ASSOCIATION, NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD OS Artificial Sequence PN JP 2002119291-A/7

PD 23-APR-2002
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BD145026
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1 (bases 1 to 30)

Kurane, K., Kanagawa, T., Kamagata, Y., Torimura, M., Kurata, S., Yamada, K. and Yokomaku, T.

Method for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method patent: JP 2002119291-A 6 23-APR-2002;

Patent: JP 2002119291-A 6 23-APR-2002;
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BD145025.1 GI:27850783
JP 2002119291-A/6.
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Location/Qualifiers
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/mol_type="genomic DNA"
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Pred. No. 2.2e+03;
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1 (bases 1 to 30)

Kurane, R., Kanagawa, T., Kamagata, Y., Torimura, M., Kurata, S., Yamada, K., and Yokomaku, T.

Wethod for assaying nucleic acid, nucleic acid probe used therefor, and method for analyzing data obtained by that method and method for analyzing data obtained by that method patent: JP 2002119291-A 2 3-APR-2002;

JAPAN BIOINDUSTRYA ASSOCIATION, NATIONAL INSTITUTE OF ADVANCED INDUSTRYAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD
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Method for assaying nucleic acid, nucleic acid, nucleic acid, nucleic acid, nucleic acid, nucleic
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C12N15/09, C12N15/09, C12N1/00, C12Q1/68, G01N1/28, G01N1/28
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RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI
                                                                              decrease in fluorescence emission a nucleic acid probe labeled with
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                          the probe with a target nucleic acid.

Key Location/Qualifiers
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI
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organism='Artificial Sequence'
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SOURCE
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Best Local Similarity
Matches 21; Conserv
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Best Local Similarity
Matches 21; Conserv
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Novel nucleic acid probes, method for determining concentrations of nucleic acid by using the probes, and method for analyzing data obtained by the method

Datained by the method

L Patent: JP 2002191372-A 6 09-JUL-2002;

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD

OS Artificial Sequence
PN JP 2002191372-A/6
PD 09-JUL-2002
PF 26-SEP-2001 JP 2001295145
PI RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI PI TORIMURA,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                PI SHINYA KURATA,KAZUTAKA YAMADA,TOYOKAZU YOKOMAKU PC (12N15/09,C12M1/00,C12Q1/68,G01N33/58//G01N33/53,G01N33/566, PC (12N15/00 )
CC The base sequence was prepared synthetically on the aim of
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BD166026.1 GI:27871838
JP 2002191372-A/6.
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                                                               AAAAAAAAAAAAAAAAAAAAATATAT 1
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                                                                                                                                                                                                                                                           /organism='Artificial Sequence'.
                                                                                                                                                                                             /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                             Score 15.6; DB 1;
Pred. No. 2.2e+03;
0; Mismatches 9;
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Pred. No. 2.2e+03;
0; Mismatches 9;
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BD166129/c
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VERSION
KEYWORDS
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Best Local 9
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                                                                                                                                                           obtained by the method. BD166129
BD166129.1 GI:27871941
JP 2002191372-A/109.
unidentified
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(bases 1 to 30)

Kurane, R., Kanagawa, T., Kamagata, Y., Torimura Yamada, K. and Yokomaku, T.

Novel nucleic acid probes, method for determi nucleic acid by using the probes, and method obtained by the method patent: JP 2002191372-A 109 09-JUL-2002;
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                                                                                                                                            unidentified
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CC The base sequence was prepared synthetically on the sim
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Kurane, R., Kanagawa, T., Kamagata, Y., Torimura, M., Kurata, S., Yamada, K. and Yokomaku, T.

Novel nucleic acid probes, method for determining concentrations on nucleic acid by using the probes, and method for analyzing data obtained by the method obtained by the method patent: JP 2002191372-A 7 09-JUL-2002;

MATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD OS Artificial Sequence

PN JP 2002191372-A/7

PD 002-ITH-2007
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BD166027.1 GI:27871839
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26-SEP-2001 JP 2001295145
RYUICHIRO KURANE, TAKAHIRO KANAGAWA, YOICHI KAMAGATA, MASAKI
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 2.2e+03
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DEFINITION ACCESSION
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AR057727/c
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AR115485/c
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Best Local Similarity
Matches 21; Conserv
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Sequence 1931 from patent
AR115485
AR115485.1 GI:14095807
                                                                                                                                                                                                                                               1 (bases 1 to 17)
Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S.
Draper, K.G.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, KANKYO ENGINEERING CO LTD
OS ARTIÍCIAI SEQUENCE
PN UP 2002191372-A/109
PD 09-JUL-2002
PD 09-JUL-2002
PF 26-SEP-2001 JP 2001295145
PF 26-SEP-2001 JP 201295145
PF 26-SEP-2001 JP 201295145
PF 26-SEP-2001 JP 2001295145
PF 26-SEP-2001 JP 2001295145
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BODIBY FL/C6 upon the hybridization of the
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                                                                                                                                                                                                         /mol_type="unassigned DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                      organism="unknown"
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; Pred. No. 2.2e-
0; Mismatches
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                                                                                                                                                       Score 15.4; DB 1;
Pred. No. 1.1e+03;
0; Mismatches 1;
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I58732/c
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I28570/c
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158732
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Sequence
128570
                                                                         1 (bases 1 to 17)
Watanbe,K.A., Ren,W.-Y. and Weil,R.
Complementary DNA and toxins
Patent: US 5652350-A 23 29-JUL-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unknown
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23 from patent US 5571937.
                                     /organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                      /mol_type="unassigned DNA"
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Unclassified.
Unclassified.
1 (bases 1 to 17)
Watanabe,K.A., Ren,W.-Y. and Weil,R.
Complementary DNA and toxins
Complementary DNA 23 05-NOV-1996;
L Patent: US 5571937-A 23 05-NOV-1996;
Jocation/Qualifiers
1. 17
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Ribozyme treatment of diseases or conditions intercellular adhesion molecule-1 (ICAM-1) Patent: US 6132967-A 1931 17-OCT-2000;
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 15.4; DB
Pred. No. 1.1e+
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Pred. No. 1.1e+C
Score 15.4; DB 1;
Pred. No. 1.1e+03;
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1.1e+03;
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1.1e+03;
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AR324006/c
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                                        Sequence
AR328160
                                                                                                                                                                                                                                                                                          1 (bases 1 to 17)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J. Method and reagent for the treatment of diseases or conditional to levels of vascular endothelial growth factor patent: US 6566127-A 1408 20-MAY-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                AR324006
Sequence 1408 from patent
AR324006
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor recept Patent: US 6346398, A 2884 12-FEB-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         16;
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Sequence 2884 from pater
AR187396
AR187396.1 GI:20233361
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                                                                                                                                                                                                                                                                                   Location/Qualifiers
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AX579205
                                  Stinchcomb,D.T., Dudycz,L.W., Chowrira,B., Grimm,S., Direnzo,A., Karpeisky,A., Draper,K.G., Kisich,K., Matulic-Adamic,J., Mcswiggen,J.A., Modak,A., Pavco,P., Beigelman,L., Sullivan,S.M., Sweedler,D., Thompson,J.D., Tracz,D., Usman,N., Wincott,F.E. and
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 5562 20-MAY-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Unknown
                                                                                                                      unidentified
unidentified
                                                                                                                                                                        AX634806
Sequence 1945 from Patent
AX634806
                                                                                                                                                                                                                                                                                                                                                                                                                                          Channel-1 (clca-1)
Patent: WO 0211674-A 1043 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US);
Thompson, James (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Thompson, J., Mcswiggen, J., Mckenzie, T. and Grupe, A. Method and reagent for the inhibition channel-1 (clca-1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Homo sapiens
genes
           Method and reagent for inhibiting the expression
                       Woolf, T.
                                                                                                                                                           AX634806.1
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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/mol_type="unassigne
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94.1%; Pred. No. 1
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AX693131
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AX692523
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16; Conserv
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                                                                                                  Aeomica,
                                                                                                                                        Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins
                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned RNA"
/db_xref="taxon:32644"
                       /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
0; Mismatches 1;
Score 15.4;
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AX739554
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AX693132
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Matches 16; Conservative
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                         490 GATGGAAAGAAGAACAT 506
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                                                                                                                                                                      Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression,
reversion, apoptosis and/or resistance to viruses and thereof as medicaments
patent: wO 03025177-A 5144 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
                                                                                                                                                                                                                                                                                                                      Homo sapiens (human)
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Sequence 5864 from Patent
AX693132
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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AX739554
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larity 94.1%; Pred. No. 1.1e+03;
Conservative 0; Mismatches 1
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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AX753822
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AX753820
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Human angiomotin-like protein 1
Patent: WO 03037931-A 168 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
Location/Qualifiers
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Sequence 167 from Patent
AX753820
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Sequence 169 from Patent
AX753822
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Sequence 168 from Patent
AX753821
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Homo sapiens
Eukaryota; Metazoa;
Mammalia; Eutheria;
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Homo sapiens
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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Patent: WO 03037931-A 167 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                         Homo sapiens (human)
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llarity 94.1%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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 Chordata;
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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 Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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AX753824
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Sequence 171 from Patent WO03037931
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                                                         Human angiomotin-like protein 1
Patent: WO 03037931-A 171 08 MAY-2003;
Amersham Blosciences SV Corp. (US)
Location/Qualifiers
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Patent: WO 03037931-A 170 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
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Patent: WO 03037931-A 169 08 MAY-2003;
Amersham blosciances SV Corp. (US)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae
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Similarity 94.1%;
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNI
/db_xref="taxon:9606"
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Human angiomotin-like protein 1
Patent: WO 03037931-A 777 08-MAY-2003;
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Patent: WO 03037931-A 172 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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1 (bases 1 to 17)

PavCo, P. A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J. A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 6319 02-APR-2002; RIBOZYME PHARMACEUTICALS INC OS Homo sapiens (human)
PN JP 2002509721-A/6319
PD 02-APR-2002
PD 02-APR-2002
PD 02-APR-2009 JP 2002541291
PP 24-MAR-1999 JP 2000541291
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Sequence 778 from Patent WO03037931.
AX754431
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PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
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Patent: WO 03037931-A 778 08-MAY-2003;
Amersham Biosciences SV Corp. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Shannon, M. and Phan, T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Homo sapiens (human)
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                                                                                                                                              participating in vasculogenic response 
Location/Qualifiers
                                                                                                                                                                                                               Method and reagent for treating
                                                                                                                                                                                                                                                                                                                                           JAMES A MCSWIGGEN
                                                                                                                                                                                                                                                                                                                                                            27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                 source
                                                                                                                                                                                                                                                                                                                                                                                    24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
                                                                                                                                                                                              concerning molecule
                                                                                /organism='Homo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.2%; Score 15.4; DB 1;
94.1%; Pred. No. 1.1e+03;
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                                                                                                            sapiens
                                                                                                                                                                                                                  diseases
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                                                                                                            (human)'.
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                                                                                                                                                                                                                  conditions
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PAT 17-JUL-2003
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0.2%;

Score 15.4; DB 1; Pred. No. 1.1e+03;

Length

17;